

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2017 Levee Inspection Results**

**Sacramento Maintenance Yard Maintenance Area 0009**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2017 Levee Inspection Results**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	19.35
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2017 - 4/26/2017			
DWR Inspector	Zach Jojola			
Accompanied By	Dave Williams Sacramento Maintenance Yard			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_MA0009_01_s _ 2013_24				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	32
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_MA0009_01_s _ 2013_32				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	48
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_MA0009_01_s _ 2013_48				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has a written flood response plan and flood response training.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.07	Rating **	M	Issue No.	233
LM End	0.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.540219 °	38.540219 °
				-121.512112 °	-121.512112 °
DWR ID	DWR_MA0009_01_s _ 2017_233				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.11	Rating **	M	Issue No.	234
LM End	0.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.539656 °	38.534136 °
				-121.512525 °	-121.519364 °
DWR ID	DWR_MA0009_01_s _ 2017_234				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.37	Rating **	M	Issue No.	286
LM End	0.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.536875 °	38.536875 °
				-121.515533 °	-121.515533 °
DWR ID	DWR_MA0009_01_s _ 2016_286				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_286\_20170320\_00208.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
---	--	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.39	Rating **	M	Issue No.	1
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.536756 °	38.536036 °
				-121.516107 °	-121.517087 °
DWR ID	DWR_MA0009_01_s_2016_1				
Comment Code					
Inspector Comment					
1997 - Large cottonwoods on slope. 2003 - Some minor sloughing. 2004 - New sediment deposition on the downstream end. 2007 - New dock was installed without notification to USACE and halted the planned repair due to ROW issues. 2015: Minor new erosion at toe. [2015 Site ID: SAC_55-5_L]					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_1\_20170320\_00001.jpg



USACE 2013 Photo #1

LM Start	0.40	Rating **	M	Issue No.	281
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.536556 °	38.536556 °
				-121.515990 °	-121.515990 °
DWR ID	DWR_MA0009_01_f _ 2015_281				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_281\_20170320\_00203.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	<b>0.46</b>	Rating **	U	Issue No.	<b>1769</b>
LM End	<b>0.46</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.535910 °	38.535910 °	
			-121.516640 °	-121.516640 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51245 DS_ID:17404 EP_NO: 2536 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 12/02/2016 same as last inspection unable to locate line. Need to coordinate with PG&E to determine status of crossing. (O. Magana - DWR UCIP)06/19/2012 Gas line should be located if possible. May require use of a metal detector. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2-inch gas line (1.5-inch line listed in permit) of unknown material through the levee, 3 feet below the crown. Line connects from Riverside Blvd and West Coast Drive on landside (LS) continues across levee and runs parallel along waterside (WS) slope for about 411 feet. (1.5-inch gas line service authorized under Permit No. 2536, 1957-Pacific Gas and Electric Co. [PG&E]). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.47	Rating **	U	Issue No.	1770
LM End	0.47	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.535790 °	38.535790 °
				-121.516720 °	-121.516720 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51246 DS_ID:17405 EP_NO: 6332 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 12/02/2016 same as last inspection. Need to coordinate with owner to locate and determine status of crossing. (O. Magana - DWR UCIP)06/19/2012 Need to locate utility. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 0.75-inch gasoline (permit indicates 1-inch inner diameter gage 10) of unknown material through the levee, 1.5 feet below the crown (0.75-inch gas pipeline used to service "The Captain's Table" area authorized under Permit No. 6332, 1968-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016					

No Photos

LM Start	0.53	Rating **	U	Issue No.	282
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.534930 °	38.534930 °
				-121.517314 °	-121.517314 °
DWR ID	DWR_MA0009_01_f_2015_282				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
More animal burrows were found during Fall 2016 inspection.					

Photo 1 of 4 : SP\_2017\_MA0009\_201\_282\_20170320\_00204.jpg



View of rodent holes on the waterside slope of the levee. Fall 2016

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.53	Rating **	U	Issue No.	282 (cont)	
LM End	0.53	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.534930 °		38.534930 °
				-121.517314 °		-121.517314 °
DWR ID	DWR_MA0009_01_f_2015_282					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
More animal burrows were found during Fall 2016 inspection.						

Photo 2 of 4 : SP\_2017\_MA0009\_201\_282\_20170320\_00205.jpg



View of the rodent holes on waterside of the levee.

LM Start	<b>0.53</b>	Rating **	U	Issue No.	<b>282 (cont)</b>
LM End	<b>0.53</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 4 : SP\_2017\_MA0009\_201\_282\_20170320\_00206.jpg



View of the rodent hole on the waterward side of the levee. Fall 2015.

LM Start	<b>0.53</b>	Rating **	U	Issue No.	<b>282 (cont)</b>
LM End	<b>0.53</b>	Issue Type +	Ma	Location *	WS

Photo 4 of 4 : SP\_2017\_MA0009\_201\_282\_20170320\_00207.jpg



Rodents are sighted near the Westin Hotel. Fall 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>1771</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.534830 °	38.534830 °	
			-121.517530 °	-121.517530 °	
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:47076  
DS\_ID:18890  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Pipe is open on WS and may need to be removed or Abandoned in place. Only WS of pipe could be seen.  
FIELD\_STRUCT\_DESC: 1-inch steel pipe through levee, 10.0 feet below crown. Purpose unknown.  
FS Date: 6/19/2012 2:51:00 PM

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>1771 (cont)</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2017\_47076\_8695.jpg



Pipe exiting bank just below tree at center of photo on WS slope.

Photo 2 of 2 : UCIP\_SP\_2017\_47076\_8694.jpg



View from WS shoulder. Pipe is at bottom right of tree on WS bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.66	Rating **	M	Issue No.	7
LM End	0.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534105 °	38.533870 °
				-121.519389 °	-121.520134 °
DWR ID	DWR_MA0009_01_s_2012_7				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_7\_20170320\_00006.jpg



Landscaping at the toe of the levee on the landward side of the levee.  
Fall 2015.

LM Start	<b>0.66</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.70</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_7\_20170320\_00007.jpg



View of the building on the landward side of the levee. Spring 2016.

LM Start	0.67	Rating **	C	Issue No.	238
LM End	0.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.534022 °	38.534022 °
				-121.519611 °	-121.519611 °
DWR ID	DWR_MA0009_01_f _ 2016_238				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.70	Rating **	M	Issue No.	8
LM End	0.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.534144 °	38.533143 °
				-121.520263 °	-121.523010 °
DWR ID	DWR_MA0009_01_s_2016_8				
Comment Code					
Inspector Comment					
Site previously named 55.1. 2003 - Pockets of toe erosion at low flow waterline. 2005 - Site renamed 55.2. Still have pockets of erosion but rock bench at waterline is still present. 2010 - Site extended upstream due to new erosion. 2011 - Some of the toe rock has failed. The upper levee slope seems to be slumping. 2012 - Minor new slumping. 2015: No observed changes. [2015 Site ID: SAC_55-2_L]					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_8\_20170320\_00008.jpg



USACE 2013 Photo #1

LM Start	<b>0.70</b>	Rating **	M	Issue No.	<b>8 (cont)</b>
LM End	<b>0.86</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_8\_20170320\_00009.jpg



USACE 2013 Photo #2

LM Start	0.72	Rating **	M	Issue No.	1251
LM End	0.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.533770 °	38.533770 °
				-121.520452 °	-121.520452 °
DWR ID	DWR_MA0009_01_s_2012_1251				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_1251\_20170320\_00301.jpg



View of the limbs and brush at the toe of the levee on the landward side. Fall 2015.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.78	Rating **	M	Issue No.	295
LM End	0.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.533393 °	38.533393 °
				-121.521479 °	-121.521479 °
DWR ID	DWR_MA0009_01_s _ 2015_295				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_295\_20170320\_00212.jpg



Pruning and other trash on landward side of the levee. Fall 2016 inspection.

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>295 (cont)</b>
LM End	<b>0.78</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_295\_20170320\_00213.jpg



View of the prunings at the toe of the landward side of the levee. Spring 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

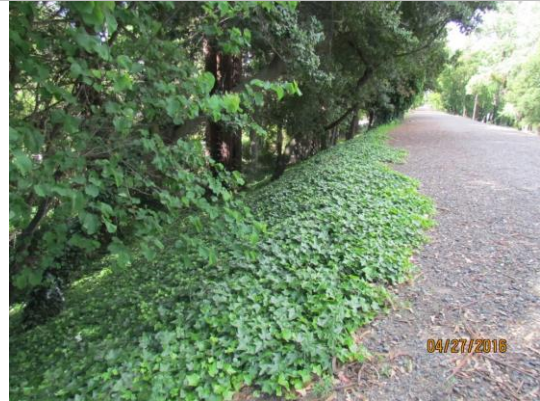
**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.79	Rating **	M	Issue No.	10
LM End	0.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.533348 °	38.533207 °
				-121.521576 °	-121.521916 °
DWR ID	DWR_MA0009_01_f _ 2016_10				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence and trees are permitted by Permit 12394, but groundcover is not. Groundcover obstructs visibility.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_10\_20170320\_00010.jpg



View of the vegetation on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.83	Rating **	M	Issue No.	242
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.533056 °	38.533056 °
				-121.522339 °	-121.522339 °
DWR ID	DWR_MA0009_01_f_2016_242				
Comment Code					
RA : Ramp					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_242\_20170320\_00186.jpg



Old ramp on landside slope of the levee. Fall 2016 inspection.

LM Start	0.84	Rating **	C	Issue No.	12
LM End	0.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.533024 °	38.532944 °
				-121.522367 °	-121.522565 °
DWR ID	DWR_MA0009_01_s_2012_12				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Redwood, pecan, walnut trees, and wrought iron fence are permitted by Permit 12197. Groundcover is not permitted and obstructs visibility.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.85	Rating **	M	Issue No.	13
LM End	0.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.532945 °	38.532920 °
				-121.522570 °	-121.522648 °
DWR ID	DWR_MA0009_01_s_2012_13				
Comment Code					
RA : Ramp					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_13\_20170320\_00015.jpg



View of the ramp that cuts into the levee slope on the landward side looking downstream. Spring 2016.

LM Start	0.85	Rating **	M	Issue No.	235
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.532946 °	38.532844 °
				-121.522598 °	-121.522863 °
DWR ID	DWR_MA0009_01_s_2017_235				
Comment Code					
PR : Prunings					
Inspector Comment					
Downed tree and prunings on landside levee slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.85	Rating **	M	Issue No.	1772
LM End	0.85	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532930 °	38.532930 °
				-121.522610 °	-121.522610 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:41534  
DS\_ID:17407  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Appears abandoned.  
FIELD\_STRUCT\_DESC: 1.5-inch Electrical conduit through the levee.  
Pole on waterward slope.  
FS Date: 6/19/2012 7:58:00 AM

LM Start	<b>0.85</b>	Rating **	M	Issue No.	<b>1772 (cont)</b>
LM End	<b>0.85</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2017\_41534\_6104.jpg



Electrical conduit at bottom of pole on water side.

Photo 2 of 2 : UCIP\_SP\_2017\_41534\_6103.jpg



Electrical conduit at bottom of pole on water side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.86	Rating **	M	Issue No.	236
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.532902 °	38.532902 °
				-121.522707 °	-121.522707 °
DWR ID	DWR_MA0009_01_s_2017_236				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Fallen tree has exposed root system and created a void within the levee prism.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_236\_20170426\_00498.jpg



View of fallen tree on landside slope. Spring 2017.

LM Start	0.87	Rating **	U	Issue No.	292
LM End	0.92	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.532847 °	38.532504 °
				-121.522872 °	-121.523770 °
DWR ID	DWR_MA0009_01_f_2016_292				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Permit 6292-A covers the fence, sprinkler system, a light pole, and wooden steps. Groundcover is obstructing visibility.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_292\_20170320\_00209.jpg



Landscaping on waterward slope. Fall 2016 inspection.

LM Start	<b>0.87</b>	Rating **	U	Issue No.	<b>292 (cont)</b>
LM End	<b>0.92</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_292\_20170320\_00210.jpg



View of the landscaping on the waterward side of the levee looking upstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.88	Rating **	U	Issue No.	15
LM End	0.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.532730 °	38.532628 °
				-121.523129 °	-121.523406 °
DWR ID	DWR_MA0009_01_s_2012_15				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Permit 16347 covers the English ivy groundcover and five ornamental trees on the landside. Trees are obstructing view and need to be trimmed.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_15\_20170320\_00016.jpg



Groundcover on landside slope. Fall 2016 inspection.

LM Start	<b>0.88</b>	Rating **	U	Issue No.	<b>15 (cont)</b>
LM End	<b>0.90</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_15\_20170320\_00017.jpg



View of the groundcover and trees on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.90	Rating **	M	Issue No.	1773
LM End	0.90	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532640 °	38.532640 °
				-121.523370 °	-121.523370 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40523					
DS_ID:17727					
EP_NO: 4809					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Could not locate service box due to excessive vegetation (see Pics) Possible electrical conduit crossing at this same location.					
FIELD_STRUCT_DESC: 3/4-inch domestic water supply with valve on land side.					
FS Date: 6/19/2012 2:00:00 PM					

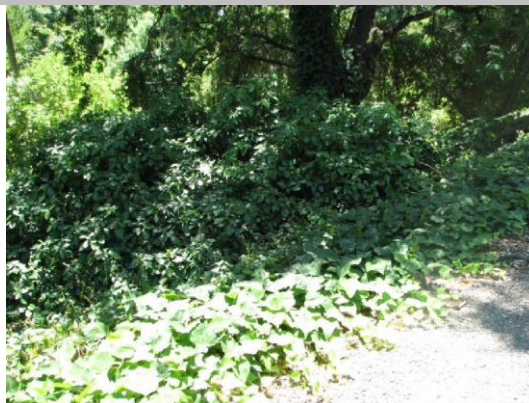
Photo 1 of 2 : UCIP\_SP\_2017\_40523\_6122.jpg



Excessive vegetation on waterside.

LM Start	<b>0.90</b>	Rating **	M	Issue No.	<b>1773 (cont)</b>
LM End	<b>0.90</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2017\_40523\_6121.jpg



Excessive vegetation on landside.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

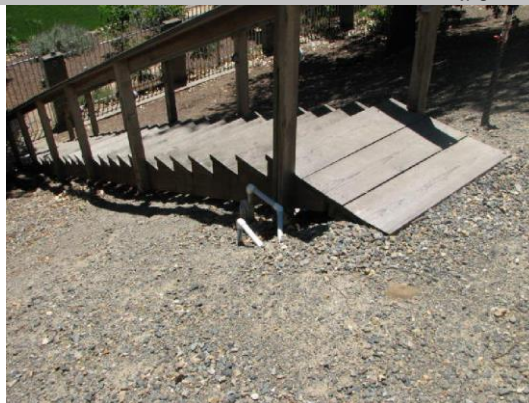
**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.94	Rating **	M	Issue No.	1774
LM End	0.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532380 °	38.532380 °
				-121.524080 °	-121.524080 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5842 DS_ID:18896 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipe located 1-foot upstream of stairs on LS slope. FIELD_STRUCT_DESC: 0.75-inch electric line through the levee, 1.0 foot below the crown. FS Date: 6/19/2012 9:19:25 AM					

Photo 1 of 2 : UCIP\_SP\_2017\_5842\_8908.jpg



Electrical conduit on LS slope just upstream of stairs.

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>1774 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2017\_5842\_8907.jpg



Light on Post WS slope at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.94	Rating **	N	Issue No.	237
LM End	0.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.532357 °	38.532357 °
				-121.524112 °	-121.524112 °
DWR ID	DWR_MA0009_01_s_2017_237				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_237\_20170426\_00499.jpg



View of stump on waterside slope. Spring 2017.

LM Start	0.97	Rating **	M	Issue No.	1775
LM End	0.97	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532160 °	38.532160 °
				-121.524660 °	-121.524660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5843 DS_ID:18898 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch PVC electric line through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on waterside shoulder. FS Date: 6/19/2012 9:24:40 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5843\_8911.jpg



Pipes on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.97	Rating **	M	Issue No.	1775 (cont)
LM End	0.97	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532160 °	38.532160 °
				-121.524660 °	-121.524660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5843 DS_ID:18898 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch PVC electric line through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on waterside shoulder. FS Date: 6/19/2012 9:24:40 AM					

Photo 2 of 3 : UCIP\_SP\_2017\_5843\_8910.jpg



View accross slope towards WS.

LM Start	<b>0.97</b>	Rating **	M	Issue No.	<b>1775 (cont)</b>
LM End	<b>0.97</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_5843\_8909.jpg



Light on Pole WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.98	Rating **	M	Issue No.	1776
LM End	0.98	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532150 °	38.532150 °
				-121.524660 °	-121.524660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5844					
DS_ID:18897					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1.0-inch PVC electric line through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on waterside shoulder.					
FS Date: 6/19/2012 9:30:37 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5844\_8914.jpg



Pipes visible on LS slope.

LM Start	<b>0.98</b>	Rating **	M	Issue No.	<b>1776 (cont)</b>
LM End	<b>0.98</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_5844\_8913.jpg



View accross levee towards WS from LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.98	Rating **	M	Issue No.	1776 (cont)
LM End	0.98	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532150 °	38.532150 °
				-121.524660 °	-121.524660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5844 DS_ID:18897 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.0-inch PVC electric line through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on waterside shoulder. FS Date: 6/19/2012 9:30:37 AM					

Photo 3 of 3 : UCIP\_SP\_2017\_5844\_8912.jpg



Light on Pole WS slope.

LM Start	0.98	Rating **	M	Issue No.	1777
LM End	0.98	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532150 °	38.532150 °
				-121.524660 °	-121.524660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5845 DS_ID:18899 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.0-inch PVC water line through the levee, 1.5 feet below the crown. Shutoff valve on landside shoulder. Light on pole next to irrigation box on waterside shoulder. FS Date: 6/19/2012 9:32:28 AM					

Photo 1 of 2 : UCIP\_SP\_2017\_5845\_8916.jpg



Pipes with shutoff valve on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.98	Rating **	M	Issue No.	1777 (cont)
LM End	0.98	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532150 °	38.532150 °
				-121.524660 °	-121.524660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5845 DS_ID:18899 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.0-inch PVC water line through the levee, 1.5 feet below the crown. Shutoff valve on landside shoulder. Light on pole next to irrigation box on waterside shoulder. FS Date: 6/19/2012 9:32:28 AM					

Photo 2 of 2 : UCIP\_SP\_2017\_5845\_8915.jpg



WS slope showing christie box on surface with waterline under box at downstream side of light post.

LM Start	0.99	Rating **	M	Issue No.	1778
LM End	0.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532070 °	38.532070 °
				-121.524950 °	-121.524950 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5846 DS_ID:18900 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.0-inch PVC water line through the levee, 1.5 feet below the crown. Shutoff valve on landside shoulder. FS Date: 6/19/2012 9:36:43 AM					

Photo 1 of 1 : UCIP\_SP\_2017\_5846\_8917.jpg



View of pipe and valve on LS shoulder looking towards WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	0.99	Rating **	M	Issue No.	1779
LM End	0.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.532050 °	38.532050 °
				-121.524940 °	-121.524940 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5847 DS_ID:18901 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.0-inch PVC electric line through the levee, 1.5 feet below the crown. Shutoff valve on landside shoulder. FS Date: 6/19/2012 9:39:42 AM					

Photo 1 of 1 : UCIP\_SP\_2017\_5847\_8918.jpg



Pipes visible on LS shoulder/slope looking towards WS.

LM Start	1.01	Rating **	M	Issue No.	1780
LM End	1.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531970 °	38.531970 °
				-121.525210 °	-121.525210 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5848 DS_ID:18903 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch PVC water line through the levee, 1.5 feet below the crown. Hose-bib and electric box visible on WS shoulder. Pipe visible on downstream side of landside shoulder stairs. Permit No. 6293, 1969. FS Date: 6/19/2012 9:42:01 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5848\_8921.jpg



Hose bib on WS slope downstream 2-feet from stairs.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.01	Rating **	M	Issue No.	1780 (cont)
LM End	1.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531970°	38.531970°
				-121.525210°	-121.525210°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5848					
DS_ID:18903					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 0.75-inch PVC water line through the levee,					
1.5 feet below the crown. Hose-bib and electric box visible on WS					
shoulder. Pipe visible on downstream side of landside shoulder stairs.					
Permit No. 6293, 1969.					
FS Date: 6/19/2012 9:42:01 AM					

Photo 2 of 3 : UCIP\_SP\_2017\_5848\_8920.jpg



Closeup of hose bib.

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>1780 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_5848\_8919.jpg



Pipes on LS slope 1-foot downstream from concrete stairs.

\* Location  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

\*\* Rating  
 A : Acceptable  
 M : Minimally Acceptable  
 U : Unacceptable  
 N : Not Inspected/Rated  
 C : Corrected  
 A/W : Acceptable but Monitor & Maintain

+ Issue Type  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.01	Rating **	M	Issue No.	1781
LM End	1.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531960 °	38.531960 °
				-121.525210 °	-121.525210 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:5849  
DS\_ID:18902  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: No permit identified for this crossing.  
FIELD\_STRUCT\_DESC: 1.0-inch PVC electric line through the levee, 1.5 feet below the crown. Hose-bib and electric box visible on WS shoulder. Pipe visible on downstream side of landside shoulder stairs.  
Permit No. 6293, 1969.  
FS Date: 6/19/2012 9:45:10 AM

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>1781 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2017\_5849\_8923.jpg



Electrical conduit on WS slope.

Photo 2 of 2 : UCIP\_SP\_2017\_5849\_8922.jpg



Electrical conduit on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.01	Rating **	M	Issue No.	303
LM End	1.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.531959 °	38.531959 °
				-121.525236 °	-121.525236 °
DWR ID	DWR_MA0009_01_f_2015_303				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
The retaining wall cuts into the levee prism.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_303\_20170320\_00226.jpg



View of the table and retaining wall on the waterward side of the levee.  
Fall 2015.

LM Start	1.02	Rating **	M	Issue No.	1782
LM End	1.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531880 °	38.531880 °
				-121.525470 °	-121.525470 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5850 DS_ID:18904 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.0-inch PVC water line through the levee, 1.5 feet below the crown. Hose-bib on WS and LS shoulders. T posts mark end of line on both sides of levee. FS Date: 6/19/2012 9:47:29 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5850\_8926.jpg



Hose bib and T-post on LS slope 3-feet upstream of concrete stairs.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.02	Rating **	M	Issue No.	1782 (cont)
LM End	1.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531880 °	38.531880 °
				-121.525470 °	-121.525470 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5850 DS_ID:18904 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.0-inch PVC water line through the levee, 1.5 feet below the crown. Hose-bib on WS and LS shoulders. T posts mark end of line on both sides of levee. FS Date: 6/19/2012 9:47:29 AM					

Photo 2 of 3 : UCIP\_SP\_2017\_5850\_8925.jpg



Hosebib on LS slope.

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>1782 (cont)</b>
LM End	<b>1.02</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_5850\_8924.jpg



Hosebib on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.02	Rating **	M	Issue No.	28
LM End	1.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.531853 °	38.531755 °
				-121.525512 °	-121.525794 °
DWR ID	DWR_MA0009_01_s_2012_28				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Permit 16352 covers wooden steps, an irrigation system, six ornamental trees and ground cover. Trees need to be trimmed.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_28\_20170320\_00024.jpg



View of the landscaping on the landward side of the levee. Fall 2015.

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>1.04</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_28\_20170320\_00025.jpg



Perspective view of the vegetation on the landward side of the levee looking downstream. Fall 2015.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.04	Rating **	M	Issue No.	1783
LM End	1.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531750 °	38.531750 °
				-121.525810 °	-121.525810 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5851 DS_ID:18905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipe open on WS slope. FIELD_STRUCT_DESC: 0.75-inch PVC water line through the levee, 1.5 feet below the crown. Hose-bib on LS shoulders. FS Date: 6/19/2012 9:50:50 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5851\_8929.jpg



Hosebib on LS slope.

LM Start	<b>1.04</b>	Rating **	M	Issue No.	<b>1783 (cont)</b>
LM End	<b>1.04</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_5851\_8928.jpg



Hosebib on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.04	Rating **	M	Issue No.	1783 (cont)
LM End	1.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531750 °	38.531750 °
				-121.525810 °	-121.525810 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5851 DS_ID:18905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipe open on WS slope. FIELD_STRUCT_DESC: 0.75-inch PVC water line through the levee, 1.5 feet below the crown. Hose-bib on LS shoulders. FS Date: 6/19/2012 9:50:50 AM					

Photo 3 of 3 : UCIP\_SP\_2017\_5851\_8927.jpg



Hosebib on LS slope.

LM Start	1.05	Rating **	M	Issue No.	262
LM End	1.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.531677 °	38.531677 °
				-121.526008 °	-121.526008 °
DWR ID	DWR_MA0009_01_s_2017_262				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Fallen tree has exposed root system and created a void within the levee prism.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_262\_20170426\_00500.jpg



View of fallen tree on waterside slope. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.06	Rating **	M	Issue No.	1784
LM End	1.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531650 °	38.531650 °
				-121.526100 °	-121.526100 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5852 DS_ID:18906 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch PVC water line through the levee, 1.5 feet below the crown. Hose-bib on WS shoulder. Located 4-feet upstream of concrete stairs on LS slope. Permit No. 3580, 1961. FS Date: 6/19/2012 9:57:16 AM					

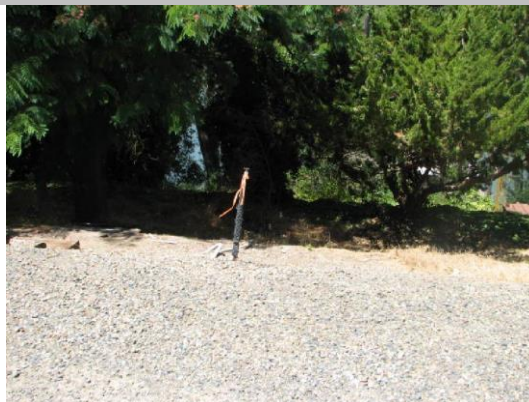
Photo 1 of 2 : UCIP\_SP\_2017\_5852\_8932.jpg



Pipe on LS slope 4-feet upstream from concrete stairs.

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>1784 (cont)</b>
LM End	<b>1.06</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2017\_5852\_8931.jpg



Hose bib on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.06	Rating **	M	Issue No.	1785
LM End	1.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.531630 °	38.531630 °
				-121.526100 °	-121.526100 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5857 DS_ID:18907 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.0-inch PVC electric line through the levee, 1.5 feet below the crown. FS Date: 6/19/2012 10:00:00 AM					

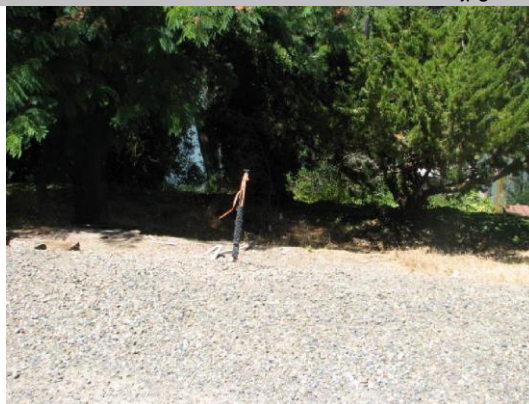
Photo 1 of 2 : UCIP\_SP\_2017\_5857\_8942.jpg



Electrical conduit on LS slope.

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>1785 (cont)</b>
LM End	<b>1.06</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2017\_5857\_8941.jpg



Electrical conduit on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.08	Rating **	M	Issue No.	3
LM End	1.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.531806 °	38.531417 °
				-121.526566 °	-121.527589 °
DWR ID	DWR_MA0009_01_s_2016_3				
Comment Code					
Inspector Comment					
2011 - A large tree has fallen behind a larger tree, putting stress on an already compromised tree. Toe erosion due to wave wash. 2013 - Site extended upstream due to steep bank. 2015: Site extended upstream due to steep bank. [2015 Site ID: SAC_54-8_L]					

LM Start	<b>1.08</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>1.14</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP\_2017\_MA0009\_201\_3\_20170320\_00002.jpg



USACE 2013 Photo #1

Photo 2 of 2 : SP\_2017\_MA0009\_201\_3\_20170320\_00003.jpg



USACE 2013 Photo #2

LM Start	1.13	Rating **	M	Issue No.	263
LM End	1.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.531293 °	38.531293 °
				-121.527303 °	-121.527303 °
DWR ID	DWR_MA0009_01_s_2017_263				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion on waterside levee slope. LMA placed envelope to prevent further damage from occurring.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_263\_20170426\_00501.jpg



View of erosion and envelope on waterside slope. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.26	Rating **	M	Issue No.	33
LM End	1.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.529952 °	38.529420 °
				-121.528770 °	-121.528905 °
DWR ID	DWR_MA0009_01_s_2012_33				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence has been permitted by Permit 16410. Trees need to be trimmed for visibility.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_33\_20170320\_00026.jpg



The trees and woody vegetation blocks visibility. Fall 2013

LM Start	<b>1.26</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>1.29</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_33\_20170320\_00027.jpg



The owner has made great progress with the vegetation. Vegetation still blocks visibility. Spring 2014

LM Start	1.27	Rating **	M	Issue No.	312
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.529798 °	38.529679 °
				-121.528808 °	-121.528858 °
DWR ID	DWR_MA0009_01_f_2015_312				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion on WS of the levee.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_312\_20170320\_00231.jpg



Erosion site on the waterward side of the levee. Fall 2016 inspection.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.27	Rating **	M	Issue No.	312 (cont)	
LM End	1.28	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.529798 °	38.529679 °	
				-121.528808 °	-121.528858 °	
DWR ID	DWR_MA0009_01_f_2015_312					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
Repair erosion on WS of the levee.						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_312\_20170320\_00232.jpg



View of the erosion on the waterward side of the levee looking downstream. Erosion is on below the shoulder of the levee. Spring 2016.

LM Start	1.29	Rating **	M	Issue No.	34
LM End	1.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.529468 °	38.528930 °
				-121.528823 °	-121.528820 °
DWR ID	DWR_MA0009_01_s_2012_34				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence is permitted through Permit 16354. Trees need to be thinned and trimmed for visibility.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_34\_20170320\_00028.jpg



View of vegetation on the landward side of the levee looking downstream. Spring 2015.

LM Start	1.33	Rating **	M	Issue No.	36
LM End	1.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.528913 °	38.528727 °
				-121.528818 °	-121.528809 °
DWR ID	DWR_MA0009_01_s_2012_36				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_36\_20170320\_00030.jpg



A wooden fence is within the easement of the levee. Fall 2013

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.34	Rating **	M	Issue No.	264
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.528704 °	38.528704 °
				-121.528828 °	-121.528828 °
DWR ID	DWR_MA0009_01_s_2017_264				
Comment Code					
PR : Prunings					
Inspector Comment					
Fallen tree limbs on landside levee slope.					

No Photos

LM Start	1.37	Rating **	M	Issue No.	241
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.528255 °	38.528255 °
				-121.528800 °	-121.528800 °
DWR ID	DWR_MA0009_01_f_2016_241				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					
There were vegetation around irrigation system.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_241\_20170320\_00184.jpg



Irrigation system provides water to vegetation on landside slope. Fall 2016 inspection. Another view.

LM Start	<b>1.37</b>	Rating **	M	Issue No.	<b>241 (cont)</b>
LM End	<b>1.37</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_241\_20170320\_00185.jpg



Irrigation system provides water to vegetation on landside slope. Fall 2016 inspection.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.48	Rating **	A/W	Issue No.	22
LM End	1.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.526787 °	38.526787 °
				-121.528096 °	-121.528096 °
DWR ID	DWR_MA0009_01_f_2012_22				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence is permitted by Permit 7474. Fence seems to be cleared of vegetation but vines are still present on the fence.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_22\_20170320\_00022.jpg



Vegetation grows on the fence and blocks visibility. Fall 2013

LM Start	<b>1.48</b>	Rating **	A/W	Issue No.	<b>22 (cont)</b>
LM End	<b>1.48</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_22\_20170320\_00023.jpg



View of the fence and vegetation on the landward side of the levee looking downstream. Vegetation on the fence is gone but may grow back given time. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.49	Rating **	M	Issue No.	294
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.526749 °	38.526749 °
				-121.528069 °	-121.528069 °
DWR ID	DWR_MA0009_01_s _ 2016_294				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_294\_20170320\_00211.jpg



View of the tree on the landward side of the levee looking downstream. Spring 2016.

LM Start	1.55	Rating **	M	Issue No.	240
LM End	1.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.525943 °	38.525943 °
				-121.527345 °	-121.527345 °
DWR ID	DWR_MA0009_01_f _ 2016_240				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_240\_20170320\_00183.jpg



Old wooden stairway on landside. Fall 2016 inspection.

LM Start	1.60	Rating **	M	Issue No.	39
LM End	1.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.525471 °	38.525368 °
				-121.526625 °	-121.526440 °
DWR ID	DWR_MA0009_01_s _ 2012_39				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cypress trees are blocking visibility on the landward side.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_39\_20170320\_00032.jpg



The tall hedge blocks visibility. Fall 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.60	Rating **	M	Issue No.	39 (cont)	
LM End	1.62	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.525471 °		38.525368 °
				-121.526625 °		-121.526440 °
DWR ID	DWR_MA0009_01_s_2012_39					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Cypress trees are blocking visibility on the landward side.						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_39\_20170320\_00033.jpg



The cypress have been raised but still partially blocks visibility. Spring 2014

LM Start	1.66	Rating **	M	Issue No.	308
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.524954 °	38.524954 °
				-121.525746 °	-121.525746 °
DWR ID	DWR_MA0009_01_s_2016_308				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_308\_20170320\_00228.jpg



View of the tree on the landward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.70	Rating **	M	Issue No.	296
LM End	1.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.524646 °	38.524646 °
				-121.525274 °	-121.525274 °
DWR ID	DWR_MA0009_01_s_2014_296				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_296\_20170320\_00214.jpg



View of tree on the landward side of the levee looking downstream. Spring 2015.

LM Start	<b>1.70</b>	Rating **	M	Issue No.	<b>296 (cont)</b>
LM End	<b>1.70</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_296\_20170320\_00215.jpg



View of the tree on the landward side of the levee. Fall 2015.

LM Start	1.73	Rating **	M	Issue No.	239
LM End	1.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.524346 °	38.524346 °
				-121.524854 °	-121.524854 °
DWR ID	DWR_MA0009_01_f_2016_239				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_239\_20170320\_00181.jpg



Old wooden stairway on landside. Fall 2016 inspection.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.73	Rating **	M	Issue No.	239 (cont)	
LM End	1.73	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.524346 °		38.524346 °
				-121.524854 °		-121.524854 °
DWR ID	DWR_MA0009_01_f_2016_239					
Comment Code						
ST : Stairway						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_239\_20170320\_00182.jpg



Old wooden stairway on landside. Fall 2016 inspection.

LM Start	1.82	Rating **	M	Issue No.	1786
LM End	1.82	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.523360 °	38.523360 °
				-121.523660 °	-121.523660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:4703 DS_ID:17408 EP_NO: 5304A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete around outlet broken up on both downstream and upstream side of outlet. Needs some repairs to prevent further damage. FIELD_STRUCT_DESC: 8-foot by 8-foot reinforced concrete box culvert through the levee, 28.9 feet below the crown pumps at 35th Avenue sewage treatment plant. Concrete gate riser box on the waterward shoulder. Concrete headwall and flap gate on the waterward end (Permit No. 5304). FS Date: 6/19/2012 2:20:32 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_4703\_6128.jpg



Broken up concrete apron on downstream side of outlet

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.82	Rating **	M	Issue No.	1786 (cont)
LM End	1.82	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.523360 °	38.523360 °
				-121.523660 °	-121.523660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:4703 DS_ID:17408 EP_NO: 5304A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete around outlet broken up on both downstream and upstream side of outlet. Needs some repairs to prevent further damage. FIELD_STRUCT_DESC: 8-foot by 8-foot reinforced concrete box culvert through the levee, 28.9 feet below the crown pumps at 35th Avenue sewage treatment plant. Concrete gate riser box on the waterward shoulder. Concrete headwall and flap gate on the waterward end (Permit No. 5304). FS Date: 6/19/2012 2:20:32 PM					

Photo 2 of 3 : UCIP\_SP\_2017\_4703\_6127.jpg



Broken up concrete apron on upstream side of outlet

LM Start	<b>1.82</b>	Rating **	M	Issue No.	<b>1786 (cont)</b>
LM End	<b>1.82</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_4703\_6126.jpg



Flap Gate

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	1.87	Rating **	M	Issue No.	41
LM End	1.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.522864 °	38.522507 °
				-121.523062 °	-121.522667 °
DWR ID	DWR_MA0009_01_s_2012_41				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be thinned and trimmed for visibility.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_41\_20170320\_00035.jpg



Trees on landward side of the levee. Lack of visibility. Fall 2016 inspection.

LM Start	<b>1.87</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>1.90</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_41\_20170320\_00036.jpg



View of the trees blocking visibility on the landward side looking downstream. Spring 2016.

LM Start	1.89	Rating **	M	Issue No.	316
LM End	1.89	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.522654 °	38.522654 °
				-121.522883 °	-121.522883 °
DWR ID	DWR_MA0009_01_f_2015_316				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Tree limbs over the crown of the levee got worse.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_316\_20170320\_00234.jpg



View of the tree on the crown of the levee looking upstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	2.01	Rating **	M	Issue No.	317
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.520972 °	38.520972 °
				-121.522747 °	-121.522747 °
DWR ID	DWR_MA0009_01_f_2015_317				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 3 : SP\_2017\_MA0009\_201\_317\_20170320\_00235.jpg



View of the slope with slope stability issue. Waterward side. Fall 2016 inspection.

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>317 (cont)</b>
LM End	<b>2.01</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2017\_MA0009\_201\_317\_20170320\_00236.jpg



Perspective view of the slope on the waterward side of the levee looking downstream. Fall 2015.

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>317 (cont)</b>
LM End	<b>2.01</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2017\_MA0009\_201\_317\_20170320\_00237.jpg



View of the slope stability on the waterward side of the levee. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	2.02	Rating **	M	Issue No.	17
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.520996 °	38.520606 °
				-121.523072 °	-121.523261 °
DWR ID	DWR_MA0009_01_s_2016_17				
Comment Code					
Inspector Comment					
2011 - Erosion into upper and lower slope. There has been significant scour around the tree roots. 2015: No observed changes. [2015 Site ID: SAC_53-8_L]					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_17\_20170320\_00019.jpg



USACE 2013 Photo #1

LM Start	2.04	Rating **	M	Issue No.	318
LM End	2.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.520688 °	38.520688 °
				-121.522924 °	-121.522924 °
DWR ID	DWR_MA0009_01_f_2015_318				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_318\_20170320\_00238.jpg



View of the slope stability on the waterward side of the levee looking downstream. Fall 2015.

LM Start	2.04	Rating **	M	Issue No.	265
LM End	2.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.520649 °	38.520419 °
				-121.522923 °	-121.523100 °
DWR ID	DWR_MA0009_01_s_2017_265				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	2.06	Rating **	M	Issue No.	266
LM End	2.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.520361 °	38.518743 °
				-121.523142 °	-121.524378 °
DWR ID	DWR_MA0009_01_s_2017_266				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.09	Rating **	M	Issue No.	319
LM End	2.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.519959 °	38.519959 °
				-121.523462 °	-121.523462 °
DWR ID	DWR_MA0009_01_f_2015_319				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_319\_20170320\_00239.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2016.

LM Start	2.10	Rating **	M	Issue No.	267
LM End	2.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.519891 °	38.516044 °
				-121.523487 °	-121.536934 °
DWR ID	DWR_MA0009_01_s_2017_267				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	2.16	Rating **	M	Issue No.	268
LM End	2.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.519197 °	38.519197 °
				-121.524021 °	-121.524021 °
DWR ID	DWR_MA0009_01_s _ 2017_268				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.18	Rating **	M	Issue No.	313
LM End	2.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.518878 °	38.518878 °
				-121.524288 °	-121.524288 °
DWR ID	DWR_MA0009_01_s _ 2016_313				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_313\_20170320\_00233.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2016.

LM Start	2.24	Rating **	M	Issue No.	269
LM End	3.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518223 °	38.515421 °
				-121.525082 °	-121.540871 °
DWR ID	DWR_MA0009_01_s _ 2017_269				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	2.28	Rating **	M	Issue No.	243
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.517942 °	38.517942 °
				-121.525612 °	-121.525612 °
DWR ID	DWR_MA0009_01_f_2016_243				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_243\_20170320\_00187.jpg



View of erosion site on waterward slope of the levee. Fall 2016 inspection.

LM Start	2.30	Rating **	M	Issue No.	244
LM End	2.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.517755 °	38.517755 °
				-121.525941 °	-121.525941 °
DWR ID	DWR_MA0009_01_f_2016_244				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_244\_20170320\_00188.jpg



Foot path on landside slope of the levee. Fall 2016 inspection.

LM Start	2.33	Rating **	M	Issue No.	322
LM End	2.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.517526 °	38.517526 °
				-121.526431 °	-121.526431 °
DWR ID	DWR_MA0009_01_f_2015_322				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_322\_20170320\_00241.jpg



View of the slope stability on the waterward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	2.40	Rating **	M	Issue No.	323
LM End	2.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.517131 °	38.517131 °
				-121.527568 °	-121.527568 °
DWR ID	DWR_MA0009_01_f_2015_323				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_323\_20170320\_00242.jpg



The seems to use the gate rails as hand rails to access the levee. Fall 2015.

LM Start	<b>2.40</b>	Rating **	M	Issue No.	<b>323 (cont)</b>
LM End	<b>2.40</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_323\_20170320\_00243.jpg



Perspective view of the the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	2.72	Rating **	A/W	Issue No.	245
LM End	2.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.516271 °	38.516271 °
				-121.533288 °	-121.533288 °
DWR ID	DWR_MA0009_01_f_2016_245				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_245\_20170320\_00189.jpg



View of a tree on WS slope looking downstream. Fall 2016.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	2.78	Rating **	M	Issue No.	44
LM End	2.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516188 °	38.516188 °
				-121.534499 °	-121.534499 °
DWR ID	DWR_MA0009_01_s_2012_44				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_44\_20170320\_00037.jpg



A building and fence within the easement of the levee. Fall 2013

LM Start	2.79	Rating **	M	Issue No.	45
LM End	2.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516187 °	38.516187 °
				-121.534692 °	-121.534692 °
DWR ID	DWR_MA0009_01_s_2012_45				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_45\_20170320\_00038.jpg



The building is within the easement of the levee. Fall 2013

LM Start	2.89	Rating **	M	Issue No.	35
LM End	2.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516101 °	38.516101 °
				-121.536417 °	-121.536417 °
DWR ID	DWR_MA0009_01_f_2012_35				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_35\_20170320\_00029.jpg



A wooden fence is within the easement. Fall 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	2.91	Rating **	M	Issue No.	37
LM End	2.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516070 °	38.516070 °
				-121.536856 °	-121.536856 °
DWR ID	DWR_MA0009_01_f _ 2012_37				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_37\_20170320\_00031.jpg



A solid board fence is within the easement. Fall 2013

LM Start	2.94	Rating **	M	Issue No.	51
LM End	2.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516025 °	38.516025 °
				-121.537391 °	-121.537391 °
DWR ID	DWR_MA0009_01_s_2017_51				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_51\_20170320\_00039.jpg



Steps and landscaping in easement. Fall 2012

LM Start	2.97	Rating **	M	Issue No.	1254
LM End	2.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515971 °	38.515971 °
				-121.537862 °	-121.537862 °
DWR ID	DWR_MA0009_01_s_2012_1254				
Comment Code					
PL : Pool					
Inspector Comment					
Pool is still there with retaining wall.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_1254\_20170320\_00302.jpg



Pool and retaining wall in the easement. Fall 2012

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	2.97	Rating **	M	Issue No.	54
LM End	2.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515954 °	38.515954 °
				-121.537966 °	-121.537966 °
DWR ID	DWR_MA0009_01_s_2012_54				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Bushes and trees block visibility at the toe of the levee.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_54\_20170320\_00040.jpg



View of the landscaping planted at the toe of the levee on the landward side looking upstream. Spring 2016.

LM Start	3.01	Rating **	M	Issue No.	1768
LM End	3.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515841 °	38.515841 °
				-121.538710 °	-121.538710 °
DWR ID	DWR_MA0009_01_s_2017_1768				
Comment Code					
FW : Firewood					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_1768\_20170320\_00303.jpg



View of the equipment on the berm of the waterward side looking downstream. Fall 2015.

LM Start	3.03	Rating **	M	Issue No.	58
LM End	3.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515811 °	38.515598 °
				-121.538988 °	-121.539976 °
DWR ID	DWR_MA0009_01_s_2012_58				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_58\_20170320\_00042.jpg



Several homes have solid fences and make it hard to see.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

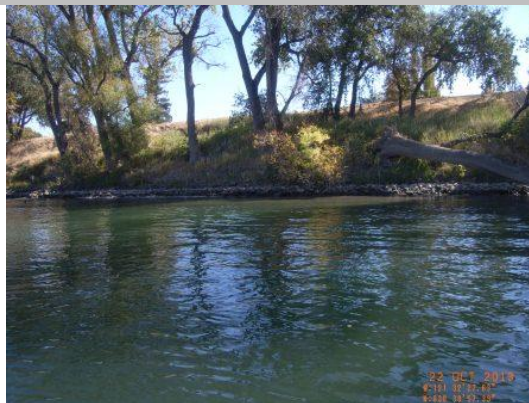
**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.09	Rating **	M	Issue No.	4
LM End	3.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.515887 °	38.515794 °
				-121.540174 °	-121.540713 °
DWR ID	DWR_MA0009_01_s_2016_4				
Comment Code					
Inspector Comment					
2010 - Small section of slumping, can be fixed with maintenance.					
2011 - Freshly fallen tree and minor new toe erosion. 2015: No					
observed changes. [2015 Site ID: SAC_52-7_L]					

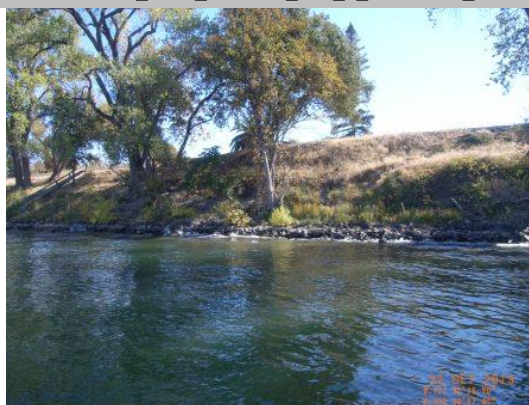
Photo 1 of 2 : SP\_2017\_MA0009\_201\_4\_20170320\_00004.jpg



USACE 2013 Photo #1

LM Start	<b>3.09</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>3.12</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_4\_20170320\_00005.jpg



USACE 2013 Photo #2

LM Start	3.12	Rating **	M	Issue No.	62
LM End	3.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515481 °	38.515481 °
				-121.540605 °	-121.540605 °
DWR ID	DWR_MA0009_01_s_2012_62				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
Stairs and landscaping are permitted under Permit 18270 and 7525. Retaining wall is an illegal encroachment.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_62\_20170320\_00043.jpg



View of the steps on the slope and the retaining wall at the toe of the levee on the landward side looking upstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.18	Rating **	M	Issue No.	165
LM End	3.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515257 °	38.515257 °
				-121.541667 °	-121.541667 °
DWR ID	DWR_MA0009_01_s_2013_165				
Comment Code					
EQ : Equipment					
Inspector Comment					
Decomposed patio, tables, and chairs are on the berm of the waterward side of the levee.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_165\_20170320\_00129.jpg



A decomposed granite patio is on the berm. Fall 2013

LM Start	3.18	Rating **	M	Issue No.	299
LM End	3.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515255 °	38.515255 °
				-121.541672 °	-121.541672 °
DWR ID	DWR_MA0009_01_s_2014_299				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps, decking plus firewood stacked up. Need to get a permit. Stairway does not have permit but does not inhibit emergency operations.					

Photo 1 of 3 : SP\_2017\_MA0009\_201\_299\_20170320\_00219.jpg



New steps on the waterside slope. Spring 2014

LM Start	<b>3.18</b>	Rating **	M	Issue No.	<b>299 (cont)</b>
LM End	<b>3.18</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : SP\_2017\_MA0009\_201\_299\_20170320\_00218.jpg



A large stack of firewood on the waterside berm. Spring 2014

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.18	Rating **	M	Issue No.	299 (cont)	
LM End	3.18	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.515255 °	38.515255 °	
				-121.541672 °	-121.541672 °	
DWR ID	DWR_MA0009_01_s _ 2014_299					
Comment Code						
ST : Stairway						
Inspector Comment						
Steps, decking plus firewood stacked up. Need to get a permit. Stairway does not have permit but does not inhibit emergency operations.						

Photo 3 of 3 : SP\_2017\_MA0009\_201\_299\_20170320\_00219.jpg



A new deck has been added to the waterside berm. Spring 2014

LM Start	3.19	Rating **	M	Issue No.	1787	
LM End	3.19	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.515210 °	38.515210 °	
				-121.541840 °	-121.541840 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5860						
DS_ID:18909						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. This pipe was not part of the upgrade to the pier/walkway under Permit No. 17904. Nor was it part of the pier before the upgrade.						
FIELD_STRUCT_DESC: 1.0-inch PVC waterline through the levee, 1.5 feet below the crown. Hosebib attached to downstream side of boat ramp/pier 50-feet upstream from pipe crossing.						
FS Date: 6/20/2012 10:14:00 AM						

Photo 1 of 2 : UCIP\_SP\_2017\_5860\_8946.jpg



Pipes visible on downstream side of pier walkway.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.19	Rating **	M	Issue No.	1787 (cont)	
LM End	3.19	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.515210 °	38.515210 °	
				-121.541840 °	-121.541840 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5860 DS_ID:18909 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. This pipe was not part of the upgrade to the pier/walkway under Permit No. 17904. Nor was it part of the pier before the upgrade. FIELD_STRUCT_DESC: 1.0-inch PVC waterline through the levee, 1.5 feet below the crown. Hosebib attached to downstream side of boat ramp/pier 50-feet upstream from pipe crossing. FS Date: 6/20/2012 10:14:00 AM						

Photo 2 of 2 : UCIP\_SP\_2017\_5860\_8945.jpg



Pipes visible on LS slope approximately 50-feet downstream from pier walkway.

LM Start	3.19	Rating **	M	Issue No.	1788
LM End	3.19	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515210 °	38.515210 °
				-121.541840 °	-121.541840 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5856 DS_ID:18910 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2.0-inch galvanized steel conduit through the levee, 0.5 feet below the crown. 0.75-inch PVC electric conduit running through it. FS Date: 6/20/2012 10:18:37 AM					

Photo 1 of 2 : UCIP\_SP\_2017\_5856\_8938.jpg



Galvanized steel pipe with pvc electrical conduit running through it, LS shoulder 50-feet downstream from pier/ramp.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.19	Rating **	M	Issue No.	1788 (cont)
LM End	3.19	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515210 °	38.515210 °
				-121.541840 °	-121.541840 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5856 DS_ID:18910 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2.0-inch galvanized steel conduit through the levee, 0.5 feet below the crown. 0.75-inch PVC electric conduit running through it. FS Date: 6/20/2012 10:18:37 AM					

Photo 2 of 2 : UCIP\_SP\_2017\_5856\_8937.jpg



Galvanized steel pipe with pvc electrical conduit running through it, LS shoulder 50-feet downstream from pier/ramp.

LM Start	3.19	Rating **	M	Issue No.	1789
LM End	3.19	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.515230 °	38.515230 °
				-121.541850 °	-121.541850 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5854 DS_ID:18908 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipes were not part of permit for upgrade to pier (PN: 17904) nor were they apart of the existing pier previous to this permit. FIELD_STRUCT_DESC: 1.25-inch PVC electric line through the levee, 1.5 feet below the crown. Electric box mounted to post on LS shoulder. FS Date: 6/20/2012 10:02:01 AM					

Photo 1 of 2 : UCIP\_SP\_2017\_5854\_8934.jpg



Pipes at downstream side of walkway/pier on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.19	Rating **	M	Issue No.	1789 (cont)	
LM End	3.19	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.515230 °	38.515230 °	
				-121.541850 °	-121.541850 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5854 DS_ID:18908 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipes were not part of permit for upgrade to pier (PN: 17904) nor were they apart of the existing pier previous to this permit. FIELD_STRUCT_DESC: 1.25-inch PVC electric line through the levee, 1.5 feet below the crown. Electric box mounted to post on LS shoulder. FS Date: 6/20/2012 10:02:01 AM						

Photo 2 of 2 : UCIP\_SP\_2017\_5854\_8933.jpg



Pipes on LS slope approximately 50-feet downstream from walkway/pier.

LM Start	3.21	Rating **	M	Issue No.	270
LM End	3.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515093 °	38.515093 °
				-121.542271 °	-121.542271 °
DWR ID	DWR_MA0009_01_s_2017_270				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree has fallen on waterside levee slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.24	Rating **	M	Issue No.	21
LM End	3.26	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.515300 °	38.515184 °
				-121.542755 °	-121.543136 °
DWR ID	DWR_MA0009_01_s_2016_21				
Comment Code					
Inspector Comment					
2004 - A large tree cave was identified. 2005 - Site repaired. 2010 - At the downstream end of the repair at 52.5, bad transition is inducing further erosion. 2011 - Minor new erosion on bank. 2015: No observed changes. [2015 Site ID: SAC_52-4_L]					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_21\_20170320\_00020.jpg



USACE 2013 Photo #1

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>3.26</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_21\_20170320\_00021.jpg



USACE 2013 Photo #2

LM Start	3.25	Rating **	M	Issue No.	300
LM End	3.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514995 °	38.514995 °
				-121.542869 °	-121.542869 °
DWR ID	DWR_MA0009_01_s_2014_300				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 3 : SP\_2017\_MA0009\_201\_300\_20170320\_00220.jpg



A wooden fence is being installed along the toe of the levee. Spring 2014

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

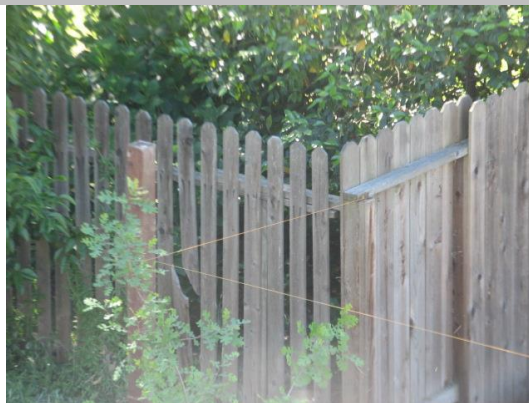
**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.25	Rating **	M	Issue No.	300 (cont)	
LM End	3.25	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.514995 °		38.514995 °
				-121.542869 °		-121.542869 °
DWR ID	DWR_MA0009_01_s_2014_300					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 2 of 3 : SP\_2017\_MA0009\_201\_300\_20170320\_00221.jpg



A new fence is being off set into the levee toe. Spring 2014

LM Start	<b>3.25</b>	Rating **	M	Issue No.	<b>300 (cont)</b>
LM End	<b>3.25</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP\_2017\_MA0009\_201\_300\_20170320\_00222.jpg



View of the new fence along the levee toe on the landward side of the levee. Fall 2015.

LM Start	3.25	Rating **	U	Issue No.	69
LM End	3.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514973 °	38.514900 °
				-121.542932 °	-121.543217 °
DWR ID	DWR_MA0009_01_s_2012_69				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_69\_20170320\_00045.jpg



A fence and retaining wall with star jasmine growing on it blocks view of the toe. Fall 2011

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.25	Rating **	U	Issue No.	68
LM End	3.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514957 °	38.514916 °
				-121.542969 °	-121.543148 °
DWR ID	DWR_MA0009_01_s_2012_68				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ice plants, fence, and steps are permitted by Permit 8108-A and 8108-B. Vegetation on fence blocks visibility.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_68\_20170320\_00044.jpg



View of the groundcover and vines growing on the fence on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.27	Rating **	M	Issue No.	70
LM End	3.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514899 °	38.514842 °
				-121.543224 °	-121.543444 °
DWR ID	DWR_MA0009_01_s_2012_70				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Stairs are permitted by Permit 12266 but the wall and wrought iron fence are not. Vegetation on fence blocks visibility.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_70\_20170320\_00046.jpg



Wall built along toe of levee. Fall 2012

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.27	Rating **	M	Issue No.	70 (cont)	
LM End	3.28	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.514899 °		38.514842 °
				-121.543224 °		-121.543444 °
DWR ID	DWR_MA0009_01_s_2012_70					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Stairs are permitted by Permit 12266 but the wall and wrought iron fence are not. Vegetation on fence blocks visibility.						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_70\_20170320\_00047.jpg



View of the wall built along the levee toe on the landward side looking downstream. Landscape vegetation is starting to block the wall. Spring 2016.

LM Start	3.30	Rating **	A/W	Issue No.	100
LM End	3.52	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514757 °	38.513647 °
				-121.543781 °	-121.547648 °
DWR ID	DWR_MA0009_01_s_2012_100				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_100\_20170320\_00066.jpg



A revegetation site. Photo taken spring 2012.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.30	Rating **	A/W	Issue No.	100 (cont)	
LM End	3.52	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.514757 °		38.513647 °
				-121.543781 °		-121.547648 °
DWR ID	DWR_MA0009_01_s_2012_100					
Comment Code						
V8 : Environmental Requirements.						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_100\_20170320\_00067.jpg



View of the revegetation site on the berm of the waterward side of the levee looking downstream. Spring 2016.

LM Start	3.31	Rating **	U	Issue No.	73
LM End	3.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514718 °	38.514555 °
				-121.543961 °	-121.544552 °
DWR ID	DWR_MA0009_01_s_2012_73				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_73\_20170320\_00049.jpg



View of the wood and block fence at the toe of the levee on the landward side looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.46	Rating **	M	Issue No.	320
LM End	3.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.513906 °	38.513906 °
				-121.546635 °	-121.546635 °
DWR ID	DWR_MA0009_01_s _ 2016_320				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_320\_20170320\_00240.jpg



View of the tree on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.56	Rating **	M	Issue No.	297	
LM End	3.56	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.513447 °		38.513447 °
				-121.548329 °		-121.548329 °
DWR ID	DWR_MA0009_01_s _ 2015_297					
Comment Code						
T2 : Thin trees to allow visibility of the ground and room to flood fight.						
Inspector Comment						
Trees need to be thinned and trimmed for visibility.						

Photo 1 of 1 : SP\_2017\_MA0009\_201\_297\_20170320\_00216.jpg



View of the landscaping tree on the landward side of the levee looking downstream. Spring 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.57	Rating **	U	Issue No.	74
LM End	3.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.513416 °	38.513337 °
				-121.548463 °	-121.548820 °
DWR ID	DWR_MA0009_01_s_2012_74				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_74\_20170320\_00050.jpg



View of the wooden fence and tall shrubs at the toe of the levee on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.59	Rating **	U	Issue No.	75
LM End	3.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.513330 °	38.513236 °
				-121.548838 °	-121.549264 °
DWR ID	DWR_MA0009_01_s_2012_75				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The hedges blocks the view of the levee berm.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_75\_20170320\_00051.jpg



View of the hedge on the berm of the levee on the landward side looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.61	Rating **	U	Issue No.	76
LM End	3.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.513236 °	38.513064 °
				-121.549265 °	-121.550000 °
DWR ID	DWR_MA0009_01_s_2012_76				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_76\_20170320\_00052.jpg



View of the wooden fence on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.69	Rating **	M	Issue No.	79
LM End	3.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.512866 °	38.512866 °
				-121.550585 °	-121.550585 °
DWR ID	DWR_MA0009_01_s_2012_79				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be trimmed at least 5 feet above ground for visibility.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_79\_20170320\_00053.jpg



View of the landscaping tree on the landward side of the levee looking downstream. Fall 2015.

LM Start	3.69	Rating **	M	Issue No.	271
LM End	3.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512844 °	38.512730 °
				-121.550613 °	-121.550840 °
DWR ID	DWR_MA0009_01_s_2017_271				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on waterside levee slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.71	Rating **	M	Issue No.	80
LM End	3.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.512753 °	38.512753 °
				-121.550856 °	-121.550856 °
DWR ID	DWR_MA0009_01_s _ 2012_80				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be thinned and trimmed for visibility.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_80\_20170320\_00054.jpg



View of the fence and trees on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.74	Rating **	M	Issue No.	82
LM End	3.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512507 °	38.512507 °
				-121.551334 °	-121.551334 °
DWR ID	DWR_MA0009_01_s _ 2012_82				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps are not permitted.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_82\_20170320\_00055.jpg



View of the steps and landscaping at the toe of the levee on the landward side looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.77	Rating **	M	Issue No.	84
LM End	3.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.512221 °	38.512221 °
				-121.551793 °	-121.551793 °
DWR ID	DWR_MA0009_01_s_2012_84				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping bushes at the toe of the levee blocks visibility.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_84\_20170320\_00056.jpg



View of the landscaping at the toe of the levee on the landward side. Spring 2016.

LM Start	3.78	Rating **	M	Issue No.	85
LM End	3.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.512090 °	38.512090 °
				-121.551958 °	-121.551958 °
DWR ID	DWR_MA0009_01_s_2012_85				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fence and stairs are permitted by Permit 12169 and 12169-A. Groundcover does not seem to be permitted and blocks visibility on the slope.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_85\_20170320\_00057.jpg



View of the groundcover on the landward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.80	Rating **	M	Issue No.	86
LM End	3.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511954 °	38.511954 °
				-121.552136 °	-121.552136 °
DWR ID	DWR_MA0009_01_s_2012_86				
Comment Code					
ST : Stairway					
Inspector Comment					
Cannot find a permit regarding the steps and fence.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_86\_20170320\_00058.jpg



View of the handrail and steps on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.83	Rating **	M	Issue No.	88
LM End	3.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.511605 °	38.511605 °
				-121.552533 °	-121.552533 °
DWR ID	DWR_MA0009_01_s_2012_88				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The fence and steps are permitted through Permit 12408-A. Vegetation is on the fence and blocks visibility.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_88\_20170320\_00059.jpg



View of the landscaping at the toe of the levee on the landward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.85	Rating **	M	Issue No.	89
LM End	3.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511372 °	38.511372 °
				-121.552767 °	-121.552767 °
DWR ID	DWR_MA0009_01_s_2012_89				
Comment Code					
ST : Stairway					
Inspector Comment					
Timber stairs are permitted through Permit 11977-B, but these stairs are concrete.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_89\_20170320\_00060.jpg



View of the steps on the landward side of the levee looking upstream. Spring 2016.

LM Start	3.86	Rating **	M	Issue No.	90
LM End	3.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511219 °	38.511219 °
				-121.552907 °	-121.552907 °
DWR ID	DWR_MA0009_01_s_2012_90				
Comment Code					
FE : Fence					
Inspector Comment					
Permit (7334-A) states the fence to be a solid board fence with every other 3 inch board strips removed for visibility. Current fence is wrought iron and not in compliance with existing permit.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_90\_20170320\_00061.jpg



Wooden fence and landscape at toe. Spring 2013

LM Start	3.88	Rating **	M	Issue No.	91
LM End	3.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.511050 °	38.511050 °
				-121.553067 °	-121.553067 °
DWR ID	DWR_MA0009_01_s_2012_91				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tree needs to be thinned and trimmed for visibility.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_91\_20170320\_00062.jpg



Overgrown vegetation blocks visibility. Fall 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.93	Rating **	M	Issue No.	95
LM End	3.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510438 °	38.510438 °
				-121.553569 °	-121.553569 °
DWR ID	DWR_MA0009_01_s _ 2012_95				
Comment Code					
FE : Fence					
Inspector Comment					
Permit 11748 covers a wrought iron fence. It seems the wrought iron fence has been replaced with a wooden see through fence.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_95\_20170320\_00063.jpg



View of the new fence at the toe of the levee on the landward side. Fall 2015.

LM Start	3.93	Rating **	M	Issue No.	272
LM End	3.93	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510415 °	38.510415 °
				-121.553571 °	-121.553571 °
DWR ID	DWR_MA0009_01_s _ 2017_272				
Comment Code					
DE : Debris					
Inspector Comment					
Fire pit, chairs, and fire wood on crown.					

No Photos

LM Start	3.93	Rating **	M	Issue No.	191
LM End	3.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510343 °	38.510343 °
				-121.553632 °	-121.553632 °
DWR ID	DWR_MA0009_01_s _ 2013_191				
Comment Code					
FE : Fence					
Inspector Comment					
No permit on the stairs.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_191\_20170320\_00157.jpg



A new set of stairs with a handrail on the levee. Spring 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	3.94	Rating **	M	Issue No.	246
LM End	3.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.510207 °	38.510207 °
				-121.553730 °	-121.553730 °
DWR ID	DWR_MA0009_01_f _ 2016_246				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_246\_20170320\_00190.jpg



View of vegetation on LS slope and crown. Fall 2016.

LM Start	3.96	Rating **	M	Issue No.	273
LM End	3.96	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509950 °	38.509950 °
				-121.553879 °	-121.553879 °
DWR ID	DWR_MA0009_01_s_2017_273				
Comment Code					
DE : Debris					
Inspector Comment					
Table and chairs on crown.					

No Photos

LM Start	4.01	Rating **	M	Issue No.	102
LM End	4.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509343 °	38.509343 °
				-121.554234 °	-121.554234 °
DWR ID	DWR_MA0009_01_s_2012_102				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
Retaining wall is not permitted and located at the toe of the levee.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_102\_20170320\_00068.jpg

The homeowner has planted groundcover and installed retaining walls.  
Fall 2011

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.01	Rating **	M	Issue No.	102 (cont)	
LM End	4.01	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.509343 °	38.509343 °	
				-121.554234 °	-121.554234 °	
DWR ID	DWR_MA0009_01_s_2012_102					
Comment Code						
RW : Retaining Wall						
Inspector Comment						
Retaining wall is not permitted and located at the toe of the levee.						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_102\_20170320\_00069.jpg



View of the retaining wall at the toe of the levee looking downstream.  
Groundcover has been removed. Fall 2015.

LM Start	4.02	Rating **	U	Issue No.	325
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509205 °	38.509205 °
				-121.554293 °	-121.554293 °
DWR ID	DWR_MA0009_01_f_2015_325				
Comment Code					
ST : Stairway					
Inspector Comment					
There appear to be a project for stairs on the landward slope.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_325\_20170320\_00244.jpg



The owner has cut into the levee slope to for stairs. Fall 2015.

LM Start	<b>4.02</b>	Rating **	U	Issue No.	<b>325 (cont)</b>
LM End	<b>4.02</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_325\_20170320\_00245.jpg



View of the excavated slope on the landward side of the levee looking downstream. Fall 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.03	Rating **	M	Issue No.	97
LM End	4.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.509127 °	38.509127 °
				-121.554353 °	-121.554353 °
DWR ID	DWR_MA0009_01_f_2013_97				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fruit trees are at the toe of the levee.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_97\_20170320\_00064.jpg



Fruit trees and landscaping within the easement. Fall 2013

LM Start	<b>4.03</b>	Rating **	M	Issue No.	<b>97 (cont)</b>
LM End	<b>4.03</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_97\_20170320\_00065.jpg



New fruit trees have been added to the toe of the levee. Spring 2014

LM Start	4.06	Rating **	M	Issue No.	105
LM End	4.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508666 °	38.508666 °
				-121.554584 °	-121.554584 °
DWR ID	DWR_MA0009_01_s_2012_105				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps, fence, and pool do not appear to be permitted.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_105\_20170426\_00502.jpg



View of steps, fence and landscape. Spring 2017

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.07	Rating **	M	Issue No.	326
LM End	4.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.508478 °	38.508478 °
				-121.554705 °	-121.554705 °
DWR ID	DWR_MA0009_01_f _ 2015_326				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_326\_20170320\_00246.jpg



Rodent hole at WS slope. Fall 2016.

LM Start	4.09	Rating **	M	Issue No.	274
LM End	4.09	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508315 °	38.508315 °
				-121.554740 °	-121.554740 °
DWR ID	DWR_MA0009_01_s_2017_274				
Comment Code					
DE : Debris					
Inspector Comment					
Bench on waterside shoulder.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_274\_20170426\_00503.jpg



View of bench on waterside shoulder. Spring 2017.

LM Start	4.10	Rating **	M	Issue No.	195
LM End	4.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.508166 °	38.508166 °
				-121.554827 °	-121.554827 °
DWR ID	DWR_MA0009_01_s_2013_195				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on fence obstruct visibility.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_195\_20170320\_00159.jpg



Fence with grape vines growing on it. Spring 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.13	Rating **	M	Issue No.	275
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.507721 °	38.507721 °
				-121.555092 °	-121.555092 °
DWR ID	DWR_MA0009_01_s_2017_275				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	4.14	Rating **	M	Issue No.	108
LM End	4.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.507632 °	38.507409 °
				-121.555157 °	-121.555302 °
DWR ID	DWR_MA0009_01_s_2012_108				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_108\_20170320\_00072.jpg



Fenced area with a walk through to the neighborhood. This is the City of Sacramento's property.

LM Start	<b>4.14</b>	Rating **	M	Issue No.	<b>108 (cont)</b>
LM End	<b>4.15</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_108\_20170320\_00073.jpg



View of the fence on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.21	Rating **	M	Issue No.	276
LM End	4.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.506677 °	38.506677 °
				-121.555668 °	-121.555668 °
DWR ID	DWR_MA0009_01_s_2017_276				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

No Photos

LM Start	4.27	Rating **	U	Issue No.	277
LM End	4.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505834 °	38.505834 °
				-121.555995 °	-121.555995 °
DWR ID	DWR_MA0009_01_s_2017_277				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_277\_20170426\_00504.jpg



View of vegetation on landside slope. Spring 2017.

LM Start	4.27	Rating **	A/W	Issue No.	107
LM End	4.36	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505824 °	38.504553 °
				-121.555998 °	-121.556423 °
DWR ID	DWR_MA0009_01_s_2012_107				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_107\_20170320\_00071.jpg



A revegetation site. Photo taken spring 2012.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.29	Rating **	M	Issue No.	335
LM End	4.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505582 °	38.505582 °
				-121.556098 °	-121.556098 °
DWR ID	DWR_MA0009_01_f_2013_335				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on fence need to be monitored and maintained for visibility.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_335\_20170320\_00254.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	<b>4.29</b>	Rating **	M	Issue No.	<b>335 (cont)</b>
LM End	<b>4.29</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_335\_20170320\_00255.jpg



View of the vegetation on the landward side of the levee. Wild grapes have been cleared but there still seems to be vines on the fence. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.31	Rating **	M	Issue No.	114
LM End	4.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505294 °	38.505294 °
				-121.556199 °	-121.556199 °
DWR ID	DWR_MA0009_01_s_2012_114				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and vegetation on fence blocks visibility. Trees need to be thinned and trimmed.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_114\_20170320\_00076.jpg



View of the fence and landscaping on the landward side of the levee. Spring 2016.

LM Start	4.33	Rating **	M	Issue No.	115	
LM End	4.33	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.505022 °		38.505022 °
				-121.556283 °		-121.556283 °
DWR ID	DWR_MA0009_01_s_2012_115					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Trees need to be thinned and trimmed for visibility.						

Photo 1 of 2 : SP\_2017\_MA0009\_201\_115\_20170320\_00077.jpg



Perspective view of the landscaping on the landward side of the levee looking downstream. Fall 2015.

LM Start	<b>4.33</b>	Rating **	M	Issue No.	<b>115 (cont)</b>
LM End	<b>4.33</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_115\_20170320\_00078.jpg



View of the landscaping at the toe of the levee on the landward side. Spring 2016.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.38	Rating **	M	Issue No.	278
LM End	4.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.504347 °	38.504347 °
				-121.556515 °	-121.556515 °
DWR ID	DWR_MA0009_01_s_2017_278				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	4.41	Rating **	M	Issue No.	279
LM End	4.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503809 °	38.503809 °
				-121.556669 °	-121.556669 °
DWR ID	DWR_MA0009_01_s_2017_279				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	4.43	Rating **	M	Issue No.	120
LM End	4.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503640 °	38.503640 °
				-121.556708 °	-121.556708 °
DWR ID	DWR_MA0009_01_s_2012_120				
Comment Code					
FE : Fence					
Inspector Comment					
Fence does not seem to be permitted.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_120\_20170320\_00079.jpg



Steps with handrail, fence and landscape with garden shed. Spring 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.45	Rating **	M	Issue No.	121
LM End	4.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503350 °	38.503350 °
				-121.556800 °	-121.556800 °
DWR ID	DWR_MA0009_01_s _ 2012_121				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_121\_20170320\_00080.jpg



The levee slope has been terraced and with a small retaining wall, fence and landscape. Spring 2013

LM Start	4.46	Rating **	M	Issue No.	122
LM End	4.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503106 °	38.503106 °
				-121.556917 °	-121.556917 °
DWR ID	DWR_MA0009_01_s _ 2012_122				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_122\_20170320\_00081.jpg



Groundcover, fence and landscape makes it hard to see the toe. Spring 2013

LM Start	4.48	Rating **	M	Issue No.	124
LM End	4.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.502861 °	38.502861 °
				-121.557032 °	-121.557032 °
DWR ID	DWR_MA0009_01_s _ 2012_124				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_124\_20170320\_00082.jpg



Groundcover, fence and landscape. Spring 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.50	Rating **	M	Issue No.	125
LM End	4.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.502669 °	38.502669 °
				-121.557152 °	-121.557152 °
DWR ID	DWR_MA0009_01_s _ 2012_125				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_125\_20170320\_00083.jpg



Steps, fence and large redwood trees. Spring 2013

LM Start	4.52	Rating **	M	Issue No.	126
LM End	4.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.502401 °	38.502401 °
				-121.557317 °	-121.557317 °
DWR ID	DWR_MA0009_01_s _ 2012_126				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_126\_20170320\_00084.jpg



Steps with a handrail, fence and landscape. Spring 2013

LM Start	4.54	Rating **	M	Issue No.	127
LM End	4.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.502163 °	38.502163 °
				-121.557407 °	-121.557407 °
DWR ID	DWR_MA0009_01_s _ 2012_127				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_127\_20170320\_00085.jpg



Fence, landscape, and buildings at toe. Spring 2013

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.55	Rating **	M	Issue No.	128
LM End	4.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.501895 °	38.501895 °
				-121.557481 °	-121.557481 °
DWR ID	DWR_MA0009_01_s_2012_128				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_128\_20170320\_00086.jpg



Trees on the slope, a retaining wall, fence and landscape. Spring 2013

LM Start	4.57	Rating **	M	Issue No.	129
LM End	4.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.501627 °	38.501627 °
				-121.557553 °	-121.557553 °
DWR ID	DWR_MA0009_01_s_2012_129				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_129\_20170320\_00087.jpg



View of the steps, fence and large trees at the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	4.59	Rating **	M	Issue No.	333
LM End	4.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.501356 °	38.501356 °
				-121.557638 °	-121.557638 °
DWR ID	DWR_MA0009_01_s_2016_333				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 4 : SP\_2017\_MA0009\_201\_333\_20170320\_00250.jpg



Erosion on WS slope. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.59	Rating **	M	Issue No.	333 (cont)	
LM End	4.59	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.501356 °	38.501356 °	
				-121.557638 °	-121.557638 °	
DWR ID	DWR_MA0009_01_s_2016_333					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						

Photo 2 of 4 : SP\_2017\_MA0009\_201\_333\_20170320\_00251.jpg



Another view of erosion on WS slope. Fall 2016.

LM Start	<b>4.59</b>	Rating **	M	Issue No.	<b>333 (cont)</b>
LM End	<b>4.59</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 4 : SP\_2017\_MA0009\_201\_333\_20170320\_00252.jpg



Perspective view of the erosion site looking upstream. Spring 2016.

LM Start	<b>4.59</b>	Rating **	M	Issue No.	<b>333 (cont)</b>
LM End	<b>4.59</b>	Issue Type +	Ma	Location *	WS

Photo 4 of 4 : SP\_2017\_MA0009\_201\_333\_20170320\_00253.jpg



Erosion is on the waterward slope of the levee. Spring 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.65	Rating **	M	Issue No.	130
LM End	4.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.500565 °	38.499761 °
				-121.557810 °	-121.557832 °
DWR ID	DWR_MA0009_01_s_2012_130				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_130\_20170320\_00088.jpg



View of the wooden fence under the trees at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	4.65	Rating **	M	Issue No.	1790
LM End	4.65	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.500490 °	38.500490 °
				-121.557780 °	-121.557780 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5760 DS_ID:17418 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Locate and determine type of pipe abandonment. FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe through the levee, 3.4-feet below the crown. Constructed with 1-CM cut-off wall and a pump on the river side. Originally included in the O+M manual (1955). Levee log indicates this pipe abandoned in place. Two t-posts on LS toe may indicate location of pipe. Pictures in Permit 6525 clearly show this pipe just upstream of boat dock walkway. FS Date: 7/25/2012 9:10:00 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5760\_8723.jpg



Boat dock ramp on WS shoulder where pipe may have come through.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.65	Rating **	M	Issue No.	1790 (cont)	
LM End	4.65	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.500490 °	38.500490 °	
				-121.557780 °	-121.557780 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5760 DS_ID:17418 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Locate and determine type of pipe abandonment. FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe through the levee, 3.4-feet below the crown. Constructed with 1-CM cut-off wall and a pump on the river side. Originally included in the O+M manual (1955). Levee log indicates this pipe abandoned in place. Two t-posts on LS toe may indicate location of pipe. Pictures in Permit 6525 clearly show this pipe just upstream of boat dock walkway. FS Date: 7/25/2012 9:10:00 AM						

Photo 2 of 3 : UCIP\_SP\_2017\_5760\_8722.jpg



Two t-posts may indicate pipe location on LS slope.

LM Start	<b>4.65</b>	Rating **	M	Issue No.	<b>1790 (cont)</b>
LM End	<b>4.65</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_5760\_8724.jpg



Pier and floating dock near location of pipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.67	Rating **	A/W	Issue No.	144
LM End	4.78	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.500296 °	38.498700 °
				-121.557817 °	-121.557832 °
DWR ID	DWR_MA0009_01_s_2016_144				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_144\_20170320\_00103.jpg



Revegetation area on the waterside berm. Spring 2014

LM Start	4.68	Rating **	M	Issue No.	113
LM End	4.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.500062 °	38.500062 °
				-121.557825 °	-121.557825 °
DWR ID	DWR_MA0009_01_s_2012_113				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_113\_20170320\_00075.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

LM Start	<b>4.68</b>	Rating **	M	Issue No.	<b>113 (cont)</b>
LM End	<b>4.68</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_113\_20170320\_00074.jpg



The garden continues to be on the levee slope. Spring 2014

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.71	Rating **	M	Issue No.	131
LM End	4.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.499636 °	38.499636 °
				-121.557871 °	-121.557871 °
DWR ID	DWR_MA0009_01_s_2012_131				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_131\_20170320\_00089.jpg



View of the landscaping on the landward side of the levee looking upstream. Blackberry shrubs are at the toe of the levee. Fall 2015.

LM Start	4.96	Rating **	M	Issue No.	135
LM End	4.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.496110 °	38.495871 °
				-121.556939 °	-121.556777 °
DWR ID	DWR_MA0009_01_s_2012_135				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_135\_20170320\_00095.jpg



A retaining wall with a fence on top and some groundcover. Photo taken spring 2012.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.96	Rating **	M	Issue No.	135 (cont)	
LM End	4.98	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.496110 °		38.495871 °
				-121.556939 °		-121.556777 °
DWR ID	DWR_MA0009_01_s_2012_135					
Comment Code						
RW : Retaining Wall						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_135\_20170320\_00096.jpg



View of the landscaping on the landward side of the levee looking upstream. The retaining wall has been covered by the groundcover. Fall 2015.

LM Start	4.97	Rating **	M	Issue No.	136
LM End	4.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495981 °	38.495981 °
				-121.556864 °	-121.556864 °
DWR ID	DWR_MA0009_01_s_2012_136				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_136\_20170320\_00097.jpg



The two story house was built at the toe of the levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	4.99	Rating **	M	Issue No.	138
LM End	4.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495687 °	38.495687 °
				-121.556705 °	-121.556705 °
DWR ID	DWR_MA0009_01_s_2012_138				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_138\_20170320\_00098.jpg



View of the house at the toe of the levee on the landward side looking upstream. Spring 2016.

LM Start	5.01	Rating **	M	Issue No.	139
LM End	5.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495529 °	38.495529 °
				-121.556592 °	-121.556592 °
DWR ID	DWR_MA0009_01_s_2012_139				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_139\_20170320\_00099.jpg



The side of the barn is into levee toe.

LM Start	<b>5.01</b>	Rating **	M	Issue No.	<b>139 (cont)</b>
LM End	<b>5.01</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_139\_20170320\_00100.jpg



View of the barn at the levee toe on the landward side of the levee. Trees need to be trimmed for visibility. Fall 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.02	Rating **	M	Issue No.	247
LM End	5.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495402 °	38.495402 °
				-121.556507 °	-121.556507 °
DWR ID	DWR_MA0009_01_f_2016_247				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_247\_20170320\_00191.jpg



Prunings on LS slope. Fall 2016.

LM Start	5.02	Rating **	M	Issue No.	201
LM End	5.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.495400 °	38.495400 °
				-121.556488 °	-121.556488 °
DWR ID	DWR_MA0009_01_s_2013_201				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_201\_20170320\_00163.jpg



Shrubs and small trees are being planted on the levee. Spring 2013

LM Start	<b>5.02</b>	Rating **	M	Issue No.	<b>201 (cont)</b>
LM End	<b>5.02</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_201\_20170320\_00164.jpg



View of the landscaping at the toe of the levee on the landward side looking upstream. Fall 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.03	Rating **	M	Issue No.	328
LM End	5.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.495235 °	38.494701 °
				-121.556393 °	-121.556022 °
DWR ID	DWR_MA0009_01_f_2015_328				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_328\_20170320\_00247.jpg



Trees still need trimming. Fall 2016.

LM Start	<b>5.03</b>	Rating **	M	Issue No.	<b>328 (cont)</b>
LM End	<b>5.07</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_328\_20170320\_00248.jpg



View of the trees on the landward side of the levee looking downstream. Trees need to be trimmed. Fall 2015.

LM Start	5.08	Rating **	M	Issue No.	248
LM End	5.08	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.494647 °	38.494647 °
				-121.555962 °	-121.555962 °
DWR ID	DWR_MA0009_01_f_2016_248				
Comment Code					
BU : Building					
Inspector Comment					
Abandoned pump house on waterward slope. Was recorded in levee log w/o permit number.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_248\_20170320\_00192.jpg



View of a pump house on WS slope. Fall 2016.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.08	Rating **	M	Issue No.	336
LM End	5.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.494527 °	38.494527 °
				-121.555889 °	-121.555889 °
DWR ID	DWR_MA0009_01_s_2016_336				
Comment Code					
TR : Tree or limb					
Inspector Comment					

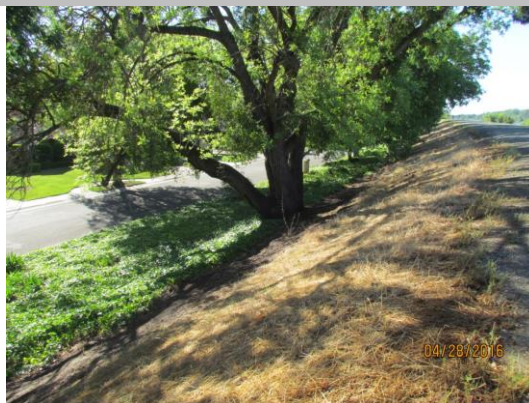
Photo 1 of 1 : SP\_2017\_MA0009\_201\_336\_20170320\_00256.jpg



View of the fallen tree on the waterward slope looking downstream. Spring 2016.

LM Start	5.09	Rating **	M	Issue No.	141
LM End	5.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.494477 °	38.493431 °
				-121.555809 °	-121.555082 °
DWR ID	DWR_MA0009_01_s_2012_141				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_141\_20170320\_00101.jpg



View of the groundcover planted on the berm on the landward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.24	Rating **	M	Issue No.	143
LM End	5.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.492574 °	38.492131 °
				-121.554423 °	-121.554072 °
DWR ID	DWR_MA0009_01_s_2012_143				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_143\_20170320\_00102.jpg



View of the landscaping at the toe of the levee on the landward side looking upstream. Spring 2016.

LM Start	5.25	Rating **	M	Issue No.	145
LM End	5.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.492442 °	38.492442 °
				-121.554319 °	-121.554319 °
DWR ID	DWR_MA0009_01_s_2012_145				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_145\_20170320\_00104.jpg



The building encroaches into the levee.

LM Start	<b>5.25</b>	Rating **	M	Issue No.	<b>145 (cont)</b>
LM End	<b>5.25</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_145\_20170320\_00105.jpg



A garden shed at the toe of the levee. Spring 2014

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.28	Rating **	M	Issue No.	146
LM End	5.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.492132 °	38.491623 °
				-121.554072 °	-121.553634 °
DWR ID	DWR_MA0009_01_s_2012_146				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_146\_20170320\_00106.jpg



View of the landscaping along the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	5.31	Rating **	M	Issue No.	1791
LM End	5.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.491750 °	38.491750 °
				-121.553730 °	-121.553730 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5900 DS_ID:18943 EP_NO: 12922 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1 of 2: 2-inch electrical conduit through the levee at an undetermined depth on downstream side of boat dock ramp. FS Date: 6/20/2012 2:20:30 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5900\_8962.jpg



Pipes under walkway on WS at ramp.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.31	Rating **	M	Issue No.	1791 (cont)
LM End	5.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.491750 °	38.491750 °
				-121.553730 °	-121.553730 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5900 DS_ID:18943 EP_NO: 12922 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1 of 2: 2-inch electrical conduit through the levee at an undetermined depth on downstream side of boat dock ramp. FS Date: 6/20/2012 2:20:30 PM					

Photo 2 of 2 : UCIP\_SP\_2017\_5900\_8961.jpg



Ramp at WS shoulder.

LM Start	5.31	Rating **	M	Issue No.	1792
LM End	5.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.491730 °	38.491730 °
				-121.553720 °	-121.553720 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5901 DS_ID:18944 EP_NO: 12922 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2 of 2: 2-inch water line through the levee at an undetermined depth on downstream side of boat dock ramp. FS Date: 6/20/2012 2:40:41 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5901\_8964.jpg



Pipes through levee under walkway on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.31	Rating **	M	Issue No.	1792 (cont)	
LM End	5.31	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.491730 °		38.491730 °
				-121.553720 °		-121.553720 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5901 DS_ID:18944 EP_NO: 12922 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2 of 2: 2-inch water line through the levee at an undetermined depth on downstream side of boat dock ramp. FS Date: 6/20/2012 2:40:41 PM						

Photo 2 of 2 : UCIP\_SP\_2017\_5901\_8963.jpg



Walkway on WS shoulder.

LM Start	5.33	Rating **	M	Issue No.	280
LM End	5.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.491510 °	38.491510 °
				-121.553496 °	-121.553496 °
DWR ID	DWR_MA0009_01_s_2017_280				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs on landside levee slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.34	Rating **	U	Issue No.	148
LM End	5.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.491357 °	38.490897 °
				-121.553393 °	-121.552974 °
DWR ID	DWR_MA0009_01_s_2012_148				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping blocks visibility of levee slopes.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_148\_20170320\_00107.jpg



The cedar tree covers the levee slope blocks visibility. Photo taken spring 2012.

LM Start	<b>5.34</b>	Rating **	U	Issue No.	<b>148 (cont)</b>
LM End	<b>5.38</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_148\_20170320\_00108.jpg



View of the landscaping along the levee slope on the landward side looking downstream. Fall 2015.

LM Start	5.35	Rating **	M	Issue No.	16
LM End	5.37	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.491086 °	38.490892 °
				-121.553540 °	-121.553352 °
DWR ID	DWR_MA0009_01_s_2016_16				
Comment Code					
Inspector Comment					
2011 - Tree popout at the toe has taken out the rock toe protection. 2015: No observed changes. [2015 Site ID: SAC_50-3_L]					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_16\_20170320\_00018.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.44	Rating **	M	Issue No.	149
LM End	5.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.490197 °	38.490023 °
				-121.552327 °	-121.552153 °
DWR ID	DWR_MA0009_01_s_2012_149				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_149\_20170320\_00109.jpg



View of the landscaping at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	5.46	Rating **	M	Issue No.	150
LM End	5.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.489974 °	38.489807 °
				-121.552121 °	-121.551990 °
DWR ID	DWR_MA0009_01_s_2012_150				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_150\_20170320\_00110.jpg



View of the fence and landscaping at the toe of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.48	Rating **	M	Issue No.	151
LM End	5.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.489730 °	38.489503 °
				-121.551924 °	-121.551748 °
DWR ID	DWR_MA0009_01_s_2012_151				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_151\_20170320\_00111.jpg



View of the pruned shrubs at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	5.49	Rating **	A/W	Issue No.	132
LM End	5.93	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.489589 °	38.484026 °
				-121.551825 °	-121.547831 °
DWR ID	DWR_MA0009_01_s_2012_132				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_132\_20170320\_00090.jpg



View of the revegetation site on the waterward berm of the levee looking downstream. Spring 2016.

LM Start	<b>5.49</b>	Rating **	A/W	Issue No.	<b>132 (cont)</b>
LM End	<b>5.93</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_132\_20170320\_00091.jpg



Sign stating the revegetation site. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.50	Rating **	U	Issue No.	152
LM End	5.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.489476 °	38.489125 °
				-121.551736 °	-121.551466 °
DWR ID	DWR_MA0009_01_s_2012_152				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_152\_20170426\_00505.jpg



View of fence at landside levee toe. Spring 2017.

LM Start	<b>5.50</b>	Rating **	U	Issue No.	<b>152 (cont)</b>
LM End	<b>5.53</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_152\_20170320\_00112.jpg



View of the landscaping at the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	5.52	Rating **	M	Issue No.	358
LM End	5.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.489181 °	38.489181 °
				-121.551510 °	-121.551510 °
DWR ID	DWR_MA0009_01_s_2016_358				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_358\_20170320\_00271.jpg



View of the site on LS of the levee looking downstream. Fall 2016.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.52	Rating **	M	Issue No.	358 (cont)	
LM End	5.52	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.489181 °		38.489181 °
				-121.551510 °		-121.551510 °
DWR ID	DWR_MA0009_01_s_2016_358					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_358\_20170320\_00272.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2016.

LM Start	5.53	Rating **	M	Issue No.	153
LM End	5.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.489157 °	38.488952 °
				-121.551491 °	-121.551345 °
DWR ID	DWR_MA0009_01_s_2012_153				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_153\_20170320\_00113.jpg



View of the the wooden fence at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	5.56	Rating **	A/W	Issue No.	283
LM End	5.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.488705 °	38.488705 °
				-121.551130 °	-121.551130 °
DWR ID	DWR_MA0009_01_s_2017_283				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.83	Rating **	C	Issue No.	249
LM End	5.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.485329 °	38.485329 °
				-121.548683 °	-121.548683 °
DWR ID	DWR_MA0009_01_f_2016_249				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	5.83	Rating **	M	Issue No.	367
LM End	5.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.485295 °	38.485295 °
				-121.548628 °	-121.548628 °
DWR ID	DWR_MA0009_01_s_2016_367				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Small garden starting at the berm of the levee.					

LM Start	<b>5.83</b>	Rating **	M	Issue No.	<b>367 (cont)</b>
LM End	<b>5.83</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP\_2017\_MA0009\_201\_367\_20170320\_00284.jpg



A garden is on the berm of the levee on the landward side. Spring 2016.

Photo 2 of 2 : SP\_2017\_MA0009\_201\_367\_20170320\_00285.jpg



View of the garden looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.93	Rating **	M	Issue No.	1793
LM End	5.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.484130 °	38.484130 °
				-121.547854 °	-121.547854 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:4980 DS_ID:17425 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has holes at welds on WS near bend in pipe. This pipe appears to be abandoned so it may need to be removed or grouted in place. FIELD_STRUCT_DESC: 8-inch concrete encased pipe through the levee, 4.9 feet below the crown. Pump in pump house on waterward slope, Siphon breaker in C.M riser on landward slope have been removed. Originally included in O+M manual (1955). FS Date: 6/20/2012 12:55:36 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_4980\_6630.jpg



Pipe entering water at WS toe

LM Start	<b>5.93</b>	Rating **	M	Issue No.	<b>1793 (cont)</b>
LM End	<b>5.93</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_4980\_6629.jpg



Pipe entering water at WS toe

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.93	Rating **	M	Issue No.	1793 (cont)
LM End	5.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.484130 °	38.484130 °
				-121.547854 °	-121.547854 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:4980 DS_ID:17425 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has holes at welds on WS near bend in pipe. This pipe appears to be abandoned so it may need to be removed or grouted in place. FIELD_STRUCT_DESC: 8-inch concrete encased pipe through the levee, 4.9 feet below the crown. Pump in pump house on waterward slope, Siphon breaker in C.M riser on landward slope have been removed. Originally included in O+M manual (1955). FS Date: 6/20/2012 12:55:36 PM					

Photo 3 of 3 : UCIP\_SP\_2017\_4980\_6628.jpg



small holes in pipe along welded seam.

LM Start	5.96	Rating **	M	Issue No.	155
LM End	5.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.483639 °	38.483310 °
				-121.547532 °	-121.547297 °
DWR ID	DWR_MA0009_01_s_2012_155				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_155\_20170320\_00115.jpg



View of the garden on the landward side of the levee looking downhill. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	5.96	Rating **	M	Issue No.	284
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.483642 °	38.483642 °
				-121.547525 °	-121.547525 °
DWR ID	DWR_MA0009_01_s _ 2017_284				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	6.10	Rating **	M	Issue No.	369
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.481937 °	38.481937 °
				-121.546230 °	-121.546230 °
DWR ID	DWR_MA0009_01_s _ 2017_369				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_369\_20170320\_00287.jpg



View of the slope stability caused by vehicles on the landward side of the levee looking downstream. Spring 2016.

LM Start	6.13	Rating **	A/W	Issue No.	134
LM End	6.25	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.481560 °	38.480129 °
				-121.545850 °	-121.544858 °
DWR ID	DWR_MA0009_01_s _ 2012_134				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_134\_20170320\_00093.jpg



A revegetation site. Photo taken spring 2012.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	6.13	Rating **	A/W	Issue No.	134 (cont)	
LM End	6.25	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.481560 °		38.480129 °
				-121.545850 °		-121.544858 °
DWR ID	DWR_MA0009_01_s_2012_134					
Comment Code						
V8 : Environmental Requirements.						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_134\_20170320\_00094.jpg



View of the revegetation site on the berm of the waterward side of the levee looking downstream. Spring 2016.

LM Start	6.16	Rating **	M	Issue No.	1794
LM End	6.16	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.481270 °	38.481270 °
				-121.545630 °	-121.545630 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41067 DS_ID:17379 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: remains of a cut off telephone pole 50-feet downstream from this location may be good indicator of abandoned pipe location. FIELD_STRUCT_DESC: 6-inch pipe through the levee approximately 17-feet below the crown. Constructed with 1-cm cut-off wall and pump and check valve on river side. Pipe has been plugged and abandoned in place 10/31/89. Originally included in O+M manual (1955). FS Date: 6/21/2012 3:50:00 PM					

Photo 1 of 1 : UCIP\_SP\_2017\_41067\_6688.jpg



Sawed off power pole at LS toe 50-feet Downstream from pipe location may be good indicator of Abandoned pipe location.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	6.20	Rating **	M	Issue No.	285
LM End	6.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.480666 °	38.480666 °
				-121.545190 °	-121.545190 °
DWR ID	DWR_MA0009_01_s_2017_285				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent hole on landside levee shoulder.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_285\_20170426\_00506.jpg



View of burrow hole on landside shoulder. Spring 2017.

LM Start	6.24	Rating **	M	Issue No.	337
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.480209 °	38.480209 °
				-121.544893 °	-121.544893 °
DWR ID	DWR_MA0009_01_f_2015_337				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_337\_20170320\_00257.jpg



View of footpath that causes slope stability on LS of the levee. Fall 2016.

LM Start	<b>6.24</b>	Rating **	M	Issue No.	<b>337 (cont)</b>
LM End	<b>6.24</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_337\_20170320\_00258.jpg



View of the slope stability caused by foot traffic on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	6.37	Rating **	M	Issue No.	375
LM End	6.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.478698 °	38.478698 °
				-121.543333 °	-121.543333 °
DWR ID	DWR_MA0009_01_s_2016_375				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_375\_20170320\_00288.jpg



View of slope stability on WS of the levee. Fall 2016.

LM Start	<b>6.37</b>	Rating **	M	Issue No.	<b>375 (cont)</b>
LM End	<b>6.37</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_375\_20170320\_00289.jpg



View of the slope stability on the waterward side of the levee looking downstream. Spring 2016.

LM Start	6.43	Rating **	M	Issue No.	339
LM End	6.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.478082 °	38.478082 °
				-121.542589 °	-121.542589 °
DWR ID	DWR_MA0009_01_f_2015_339				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 3 : SP\_2017\_MA0009\_201\_339\_20170320\_00259.jpg



An updated view of slope stability site. WS slope of the levee. Fall 2016.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	6.43	Rating **	M	Issue No.	339 (cont)	
LM End	6.43	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.478082 °		38.478082 °
				-121.542589 °		-121.542589 °
DWR ID	DWR_MA0009_01_f_2015_339					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 2 of 3 : SP\_2017\_MA0009\_201\_339\_20170320\_00260.jpg



Perspective view of the slope stability on the waterward side of the levee looking downstream. Fall 2015.

LM Start	<b>6.43</b>	Rating **	M	Issue No.	<b>339 (cont)</b>
LM End	<b>6.43</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2017\_MA0009\_201\_339\_20170320\_00261.jpg



Slope stability is caused by foot traffic. Fall 2015.

LM Start	6.49	Rating **	M	Issue No.	288
LM End	8.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.477521 °	38.473290 °
				-121.541888 °	-121.507153 °
DWR ID	DWR_MA0009_01_s_2017_288				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	6.49	Rating **	M	Issue No.	287
LM End	8.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.477520 °	38.473002 °
				-121.541889 °	-121.506647 °
DWR ID	DWR_MA0009_01_s_2017_287				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.53	Rating **	M	Issue No.	301
LM End	6.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.477116 °	38.477116 °
				-121.541253 °	-121.541253 °
DWR ID	DWR_MA0009_01_s_2015_301				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 3 : SP\_2017\_MA0009\_201\_301\_20170320\_00223.jpg



An updated view of slope stability site. Waterward side of the levee. Fall 2016.

LM Start	<b>6.53</b>	Rating **	M	Issue No.	<b>301 (cont)</b>
LM End	<b>6.53</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2017\_MA0009\_201\_301\_20170320\_00224.jpg



Perspective view of the slope stability on the waterward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	6.53	Rating **	M	Issue No.	301 (cont)	
LM End	6.53	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Slope Stability			38.477116°	38.477116°	
				-121.541253°	-121.541253°	
DWR ID	DWR_MA0009_01_s_2015_301					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 3 of 3 : SP\_2017\_MA0009\_201\_301\_20170320\_00225.jpg



Looking at the trail caused by foot traffic. Fall 2015.

LM Start	6.62	Rating **	C	Issue No.	250
LM End	6.62	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.476373 °	38.476373 °
				-121.539949 °	-121.539949 °
DWR ID	DWR_MA0009_01_f _ 2016_250				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	6.68	Rating **	M	Issue No.	341
LM End	6.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.475921 °	38.475921 °
				-121.539017 °	-121.539017 °
DWR ID	DWR_MA0009_01_f_2015_341				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair levee slope and backfill rodent hole.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_341\_20170320\_00262.jpg



View of the slope stability caused by foot traffic on the waterward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	6.82	Rating **	M	Issue No.	289
LM End	6.82	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.475091 °	38.475091 °
				-121.536553 °	-121.536553 °
DWR ID	DWR_MA0009_01_s _ 2017_289				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs on waterside levee slope.					

No Photos

LM Start	6.96	Rating **	M	Issue No.	377
LM End	6.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474836 °	38.474836 °
				-121.534175 °	-121.534175 °
DWR ID	DWR_MA0009_01_s _ 2016_377				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_377\_20170320\_00290.jpg



View of the trees on the landward side of the levee looking downstream. Spring 2016.

LM Start	7.21	Rating **	U	Issue No.	304
LM End	7.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474851 °	38.474851 °
				-121.529516 °	-121.529516 °
DWR ID	DWR_MA0009_01_s _ 2014_304				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_304\_20170320\_00227.jpg



View of the willow tree on the landward side of the levee looking upstream. Spring 2016.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	7.25	Rating **	M	Issue No.	158
LM End	7.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.474861 °	38.474861 °
				-121.528804 °	-121.528804 °
DWR ID	DWR_MA0009_01_s _ 2012_158				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_158\_20170320\_00119.jpg



View of the landscaping on the landward side of the levee looking downstream. Landscape is borderline at easement of toe. Spring 2016.

LM Start	7.30	Rating **	U	Issue No.	159
LM End	7.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474916 °	38.474942 °
				-121.527760 °	-121.527482 °
DWR ID	DWR_MA0009_01_s _ 2012_159				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_159\_20170320\_00120.jpg



The solid fence is located in the trees on the landward side of the levee. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	7.30	Rating **	U	Issue No.	159 (cont)	
LM End	7.32	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.474916 °	38.474942 °	
				-121.527760 °	-121.527482 °	
DWR ID	DWR_MA0009_01_s_2012_159					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_159\_20170320\_00121.jpg



View of the trees on the landward side of the levee looking downstream.  
Trees need to be trimmed. Fall 2015.

LM Start	7.31	Rating **	M	Issue No.	251
LM End	7.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474919 °	38.474953 °
				-121.527692 °	-121.527183 °
DWR ID	DWR_MA0009_01_f_2016_251				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_251\_20170320\_00195.jpg



View of the site where tree trimming is needed on LS slope of the levee.  
Fall 2016.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	7.33	Rating **	M	Issue No.	342
LM End	7.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474954 °	38.474954 °
				-121.527276 °	-121.527276 °
DWR ID	DWR_MA0009_01_f_2015_342				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Tree branches need to be trimmed up at least 5 feet.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_342\_20170320\_00263.jpg



View of the trees on the landward side of the levee looking downstream. Fall 2015.

LM Start	7.44	Rating **	U	Issue No.	162
LM End	7.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.475156 °	38.475156 °
				-121.525212 °	-121.525212 °
DWR ID	DWR_MA0009_01_s_2012_162				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_162\_20170320\_00124.jpg



A wooden fence is near the toe of the levee. Spring 2016.

LM Start	<b>7.44</b>	Rating **	U	Issue No.	<b>162 (cont)</b>
LM End	<b>7.44</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_162\_20170320\_00125.jpg



Perspective view of the wooden fence on the landward side of the levee looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	7.48	Rating **	M	Issue No.	163
LM End	7.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.475227 °	38.475249 °
				-121.524477 °	-121.524312 °
DWR ID	DWR_MA0009_01_s_2012_163				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_163\_20170320\_00126.jpg



View of the trees and shrub at the toe of the levee. Spring 2016.

LM Start	7.51	Rating **	M	Issue No.	164
LM End	7.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.475270 °	38.475360 °
				-121.524036 °	-121.522178 °
DWR ID	DWR_MA0009_01_s_2012_164				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_164\_20170320\_00127.jpg



View of the trees along the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	<b>7.51</b>	Rating **	M	Issue No.	<b>164 (cont)</b>
LM End	<b>7.61</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_164\_20170320\_00128.jpg



View of the landscaping and fence at the toe of the levee on the landward side looking upstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	8.05	Rating **	M	Issue No.	252
LM End	8.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.475340 °	38.475340 °
				-121.514076 °	-121.514076 °
DWR ID	DWR_MA0009_01_f_2016_252				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_252\_20170320\_00196.jpg



Tree trimming needed at WS slope of the levee. Fall 2016.

LM Start	8.60	Rating **	U	Issue No.	290
LM End	8.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.471886 °	38.471886 °
				-121.504999 °	-121.504999 °
DWR ID	DWR_MA0009_01_s_2017_290				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Deep rodent hole within landside shoulder.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_290\_20170426\_00507.jpg



View of rodent hole on landside shoulder. Spring 2017.

LM Start	8.61	Rating **	U	Issue No.	291
LM End	9.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.471839 °	38.458519 °
				-121.504962 °	-121.501481 °
DWR ID	DWR_MA0009_01_s_2017_291				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_291\_20170426\_00508.jpg



View of tall vegetation on waterside levee slope, blocking visibility. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	8.76	Rating **	M	Issue No.	166
LM End	10.52	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.469929 °	38.444723 °
				-121.503668 °	-121.500283 °
DWR ID	DWR_MA0009_01_s_2012_166				
Comment Code					
EQ : Equipment					
Inspector Comment					
Encroachment is railroad tracks (equipment), access is very limited, no patrol access, vegetation maint. is difficult. Tracks end at Cliff's Marina where Highway 160 crosses tracks, LM 9.36-9.80 is the town of Freeport with many encroachments.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_166\_20170320\_00130.jpg



Railroad tracks are on the crown preventing ability to patrol during flood season. Fall 2013

LM Start	<b>8.76</b>	Rating **	M	Issue No.	<b>166 (cont)</b>
LM End	<b>10.52</b>	Issue Type +	En	Location *	CR

Photo 2 of 2 : SP\_2017\_MA0009\_201\_166\_20170320\_00131.jpg



Looking downstream towards Freeport. Fall 2013

LM Start	9.08	Rating **	M	Issue No.	346
LM End	9.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.465278 °	38.465278 °
				-121.503210 °	-121.503210 °
DWR ID	DWR_MA0009_01_f_2015_346				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_346\_20170320\_00264.jpg



View of the slope stability caused by foot traffic on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.17	Rating **	M	Issue No.	378
LM End	9.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.463960 °	38.463960 °
				-121.502940 °	-121.502940 °
DWR ID	DWR_MA0009_01_s_2016_378				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_378\_20170320\_00291.jpg



Slope stability is on the landward side of the levee. Spring 2016.

LM Start	<b>9.17</b>	Rating **	M	Issue No.	<b>378 (cont)</b>
LM End	<b>9.17</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_378\_20170320\_00292.jpg



Perspective view of the slope stability looking downstream. Spring 2016.

LM Start	9.22	Rating **	M	Issue No.	253
LM End	9.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.463301 °	38.463301 °
				-121.502904 °	-121.502904 °
DWR ID	DWR_MA0009_01_f_2016_253				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_253\_20170320\_00197.jpg



View of a footpath on LS slope causing slope stability issue. Fall 2016.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.23	Rating **	M	Issue No.	168
LM End	9.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.463138 °	38.463138 °
				-121.502788 °	-121.502788 °
DWR ID	DWR_MA0009_01_s_2012_168				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_168\_20170320\_00132.jpg



View of the building at the toe of the landward side of the levee looking upstream. Fall 2015.

LM Start	9.24	Rating **	M	Issue No.	349
LM End	9.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.462957 °	38.462957 °
				-121.502760 °	-121.502760 °
DWR ID	DWR_MA0009_01_f_2015_349				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tree is landscaped by the property owner. Visibility obstruction of levee slopes is not fully blocked.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_349\_20170320\_00265.jpg



View of the trees on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.25	Rating **	M	Issue No.	169
LM End	9.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462900 °	38.462900 °
				-121.502762 °	-121.502762 °
DWR ID	DWR_MA0009_01_s_2012_169				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_169\_20170320\_00133.jpg



A solid wooden fence and building within the easement. Fall 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.25	Rating **	M	Issue No.	169 (cont)	
LM End	9.25	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.462900 °		38.462900 °
				-121.502762 °		-121.502762 °
DWR ID	DWR_MA0009_01_s_2012_169					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_169\_20170320\_00134.jpg



View of the wooden fence and building on the landward side of the levee looking upstream. Fall 2015.

LM Start	9.25	Rating **	M	Issue No.	331
LM End	9.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462802 °	38.462802 °
				-121.502728 °	-121.502728 °
DWR ID	DWR_MA0009_01_f_2013_331				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_331\_20170320\_00249.jpg



View of the fence and landscape at the toe of the levee on the landward side of the levee. Fall 2015.

LM Start	9.26	Rating **	M	Issue No.	170
LM End	9.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462653 °	38.462653 °
				-121.502670 °	-121.502670 °
DWR ID	DWR_MA0009_01_s_2012_170				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_170\_20170320\_00135.jpg



A building at the toe. Spring 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.26	Rating **	M	Issue No.	170 (cont)	
LM End	9.26	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.462653 °	38.462653 °	
				-121.502670 °	-121.502670 °	
DWR ID	DWR_MA0009_01_s_2012_170					
Comment Code						
BU : Building						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_170\_20170320\_00136.jpg



Trees have grown and blocked the view of the building at the toe of the levee on the landward side. Fall 2015.

LM Start	9.26	Rating **	M	Issue No.	171
LM End	9.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462653 °	38.462653 °
				-121.502670 °	-121.502670 °
DWR ID	DWR_MA0009_01_s_2012_171				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_171\_20170320\_00137.jpg



A fence along the toe. Spring 2013

LM Start	<b>9.26</b>	Rating **	M	Issue No.	<b>171 (cont)</b>
LM End	<b>9.26</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_171\_20170320\_00138.jpg



View of the fence at the toe of the levee on the landward side of the levee. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.28	Rating **	M	Issue No.	173
LM End	9.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462458 °	38.462458 °
				-121.502613 °	-121.502613 °
DWR ID	DWR_MA0009_01_f_2013_173				
Comment Code					
FW : Firewood					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_173\_20170320\_00140.jpg



Firewood is stacked along the toe of the levee on the landward side. Fall 2015.

LM Start	9.28	Rating **	M	Issue No.	172
LM End	9.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462452 °	38.462452 °
				-121.502617 °	-121.502617 °
DWR ID	DWR_MA0009_01_s_2012_172				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_172\_20170320\_00139.jpg



The home and other encroachments along the toe. Spring 2013

LM Start	9.29	Rating **	M	Issue No.	350
LM End	9.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.462287 °	38.462287 °
				-121.502597 °	-121.502597 °
DWR ID	DWR_MA0009_01_f_2015_350				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_350\_20170320\_00266.jpg



View of the erosion on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.31	Rating **	M	Issue No.	174
LM End	9.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462040 °	38.462040 °
				-121.502557 °	-121.502557 °
DWR ID	DWR_MA0009_01_s_2012_174				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_174\_20170320\_00141.jpg



A home is within the easement of the levee. Spring 2013

LM Start	9.33	Rating **	M	Issue No.	352
LM End	9.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.461690 °	38.461690 °
				-121.502447 °	-121.502447 °
DWR ID	DWR_MA0009_01_f_2015_352				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_352\_20170320\_00267.jpg



View of pruning pile on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.33	Rating **	M	Issue No.	293
LM End	9.38	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.461671 °	38.461052 °
				-121.502444 °	-121.502261 °
DWR ID	DWR_MA0009_01_s_2017_293				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.36	Rating **	M	Issue No.	177
LM End	9.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.461343 °	38.461343 °
				-121.502345 °	-121.502345 °
DWR ID	DWR_MA0009_01_s_2012_177				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_177\_20170320\_00144.jpg



View of the trees on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.36	Rating **	M	Issue No.	176
LM End	9.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.461338 °	38.461338 °
				-121.502352 °	-121.502352 °
DWR ID	DWR_MA0009_01_s_2012_176				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_176\_20170320\_00142.jpg



The building is at the toe of the levee. Spring 2013

LM Start	<b>9.36</b>	Rating **	M	Issue No.	<b>176 (cont)</b>
LM End	<b>9.36</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_176\_20170320\_00143.jpg



View of the storage shed at the toe of the levee on the landward side. Fall 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.37	Rating **	M	Issue No.	353
LM End	9.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.461202 °	38.461202 °
				-121.502283 °	-121.502283 °
DWR ID	DWR_MA0009_01_f_2015_353				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_353\_20170320\_00268.jpg



View of the pruning pile on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.39	Rating **	M	Issue No.	1795
LM End	9.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.460920 °	38.460920 °
				-121.502220 °	-121.502220 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5903 DS_ID:18946 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipes should be removed or filled with grout. FIELD_STRUCT_DESC: 1 of 2: 2-inch steel pipe 1.5-feet below the crown open on both ends. FS Date: 6/21/2012 2:57:40 PM					

Photo 1 of 1 : UCIP\_SP\_2017\_5903\_8967.jpg



View of pipe from WS shoulder looking towards river.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.39	Rating **	M	Issue No.	1796
LM End	9.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.460920 °	38.460920 °
				-121.502220 °	-121.502220 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5904 DS_ID:18947 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipe should be removed or grouted in place. FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized steel pipe 1.5-feet below the crown open on both ends. FS Date: 6/21/2012					

Photo 1 of 2 : UCIP\_SP\_2017\_5904\_8969.jpg



Pipe on WS shoulder.

LM Start	<b>9.39</b>	Rating **	M	Issue No.	<b>1796 (cont)</b>
LM End	<b>9.39</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2017\_5904\_8968.jpg



Pipe buried 3-feet upstream from top of stairs on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.39	Rating **	U	Issue No.	298
LM End	9.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.460892 °	38.458519 °
				-121.502219 °	-121.501481 °
DWR ID	DWR_MA0009_01_s_2017_298				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_298\_20170426\_00509.jpg



View of tall vegetation on landside levee slope, blocking visibility. Spring 2017.

LM Start	9.40	Rating **	M	Issue No.	178
LM End	9.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460772 °	38.460772 °
				-121.502170 °	-121.502170 °
DWR ID	DWR_MA0009_01_s_2012_178				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_178\_20170320\_00145.jpg



View of the building within the easement on the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.40	Rating **	M	Issue No.	1797
LM End	9.40	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.460670 °	38.460670 °
				-121.502140 °	-121.502140 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5905 DS_ID:18948 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Likely that this is a service line that provides power for the boat dock. FIELD_STRUCT_DESC: Christie box on WS shoulder. Possibly a utility crossing connecting to electrical panel on building at LS toe. Pipe not visible. FS Date: 6/21/2012 3:04:17 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_5905\_8972.jpg



Likely that the pipes at the boat walkway cross at the christie box.

LM Start	<b>9.40</b>	Rating **	M	Issue No.	<b>1797 (cont)</b>
LM End	<b>9.40</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_5905\_8971.jpg



Likely that the pipes at the boat walkway cross at the christie box.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.40	Rating **	M	Issue No.	1797 (cont)	
LM End	9.40	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.460670 °	38.460670 °	
				-121.502140 °	-121.502140 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5905 DS_ID:18948 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Likely that this is a service line that provides power for the boat dock. FIELD_STRUCT_DESC: Christie box on WS shoulder. Possibly a utility crossing connecting to electrical panel on building at LS toe. Pipe not visible. FS Date: 6/21/2012 3:04:17 PM						

Photo 3 of 3 : UCIP\_SP\_2017\_5905\_8970.jpg



Likely that the pipes at the fuse box on the LS toe building cross at the christie box to serve boat dock.

LM Start	9.41	Rating **	U	Issue No.	179
LM End	9.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460573 °	38.460573 °
				-121.502127 °	-121.502127 °
DWR ID	DWR_MA0009_01_s_2012_179				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_179\_20170320\_00146.jpg



The fence is at the toe of the levee. Spring 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.41	Rating **	U	Issue No.	179 (cont)	
LM End	9.41	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.460573 °		38.460573 °
				-121.502127 °		-121.502127 °
DWR ID	DWR_MA0009_01_s_2012_179					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_179\_20170320\_00147.jpg



View of the fence on the landward side of the levee. Fall 2015.

LM Start	9.43	Rating **	M	Issue No.	356
LM End	9.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460343 °	38.460343 °
				-121.502102 °	-121.502102 °
DWR ID	DWR_MA0009_01_f_2015_356				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_356\_20170320\_00269.jpg



View of the fallen tree on the waterward side of the levee looking upstream. Fall 2015.

LM Start	9.44	Rating **	M	Issue No.	180
LM End	9.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460210 °	38.460210 °
				-121.502030 °	-121.502030 °
DWR ID	DWR_MA0009_01_s_2012_180				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_180\_20170320\_00148.jpg



View of the building within the easement on the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.48	Rating **	U	Issue No.	181
LM End	9.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.459665 °	38.458993 °
				-121.501847 °	-121.501642 °
DWR ID	DWR_MA0009_01_s_2012_181				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_181\_20170320\_00149.jpg



The fence continues along the toe. Spring 2013

LM Start	<b>9.48</b>	Rating **	U	Issue No.	<b>181 (cont)</b>
LM End	<b>9.52</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_181\_20170320\_00150.jpg



View of the fence along the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	9.50	Rating **	M	Issue No.	380
LM End	9.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.459358 °	38.459358 °
				-121.501770 °	-121.501770 °
DWR ID	DWR_MA0009_01_s_2016_380				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_380\_20170320\_00294.jpg



View of the trees on the waterward side of the levee looking upstream. Spring 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.51	Rating **	M	Issue No.	302
LM End	9.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.459202 °	38.458839 °
				-121.501699 °	-121.501588 °
DWR ID	DWR_MA0009_01_s_2017_302				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	9.52	Rating **	M	Issue No.	1798
LM End	9.52	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.459110 °	38.459110 °
				-121.501660 °	-121.501660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5907					
DS_ID:18952					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 2-inch PVC waterline through the levee 3-feet below the crown. Pump and tank system on LS toe.					
FS Date: 6/21/2012 3:12:50 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5907\_8976.jpg



Pipe runs down LS slope to tank and pump at LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.52	Rating **	M	Issue No.	1798 (cont)	
LM End	9.52	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.459110 °		38.459110 °
				-121.501660 °		-121.501660 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5907 DS_ID:18952 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch PVC waterline through the levee 3-feet below the crown. Pump and tank system on LS toe. FS Date: 6/21/2012 3:12:50 PM						

Photo 2 of 2 : UCIP\_SP\_2017\_5907\_8975.jpg



Pipe runs downstream parallel to levee crown just under the surface towards marina.

LM Start	9.53	Rating **	M	Issue No.	379
LM End	9.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.458915 °	38.458915 °
				-121.501655 °	-121.501655 °
DWR ID	DWR_MA0009_01_s_2016_379				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_379\_20170320\_00293.jpg



View of the pruning pile on the waterward side of the levee looking upstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

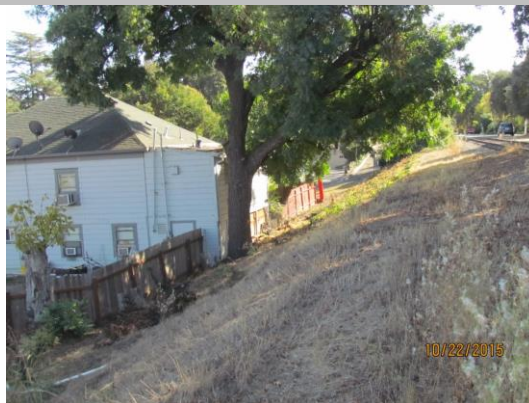
**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.53	Rating **	M	Issue No.	182
LM End	9.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.458878 °	38.458878 °
				-121.501605 °	-121.501605 °
DWR ID	DWR_MA0009_01_s_2012_182				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_182\_20170320\_00151.jpg



View of the building at the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	9.56	Rating **	M	Issue No.	183
LM End	9.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.458450 °	38.458220 °
				-121.501498 °	-121.501397 °
DWR ID	DWR_MA0009_01_s_2012_183				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_183\_20170320\_00152.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.58	Rating **	U	Issue No.	186
LM End	9.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.458242 °	38.458018 °
				-121.501340 °	-121.501317 °
DWR ID	DWR_MA0009_01_s_2012_186				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and shrubs block visibility of levee slopes.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_186\_20170320\_00156.jpg



View of the trees and shrubs on the waterward side of the levee looking downstream. This is at the Freeport Marina. Fall 2015.

LM Start	9.58	Rating **	U	Issue No.	185
LM End	9.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.458242 °	38.457873 °
				-121.501340 °	-121.501290 °
DWR ID	DWR_MA0009_01_s_2012_185				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_185\_20170320\_00155.jpg



View of the trees and shrubs on the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.58	Rating **	M	Issue No.	1799
LM End	9.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.458203 °	38.458203 °
				-121.501374 °	-121.501374 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5104 DS_ID:17397 EP_NO: 5150 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: There is no permit in this area for a waterline that could be identified. due to the amount of utilities in this area it is unclear if any are authorized. FIELD_STRUCT_DESC: 1 of 2: 1-1/2-inch pipe through levee, 1.0 foot below crown to boating facilities (Permit No's. 1573, 5150, and 5407). Appears to be 1.5-inch PVC waterline at this location. Aluminum box and cover on WS shoulder with valve and distribution header for sprinklers. FS Date: 6/21/2012 11:17:48 AM					

Photo 1 of 2 : UCIP\_SP\_2017\_5104\_6813.jpg



Aluminum box and cover on ws shoulder with 1.5-inch waterline and valve.

LM Start	<b>9.58</b>	Rating **	M	Issue No.	<b>1799 (cont)</b>
LM End	<b>9.58</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2017\_5104\_6812.jpg



Access box on WS shoulder looking down ws slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.58	Rating **	M	Issue No.	1800
LM End	9.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.458150 °	38.458150 °
				-121.501360 °	-121.501360 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5105 DS_ID:17645 EP_NO: 5150 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to determine location due to heavy vegetation on both LS and WS of levee. Due to the amount of utilities in this area it is unclear if any are authorized. FIELD_STRUCT_DESC: 2 of 2: 3/4-inch pipe through levee, 1.0 foot below crown to boating facilities (Permit No's. 1573, 5150, and 5407). FS Date: 6/21/2012 11:51:26 AM					

No Photos

LM Start	9.59	Rating **	M	Issue No.	184
LM End	9.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.458078 °	38.458078 °
				-121.501367 °	-121.501367 °
DWR ID	DWR_MA0009_01_s_2012_184				
Comment Code					
BU : Building					
Inspector Comment					
Freeport bait shop.					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_184\_20170320\_00153.jpg



The Freeport Bait shop is at the toe of the levee. Photo taken spring 2012.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.59	Rating **	M	Issue No.	184 (cont)	
LM End	9.59	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.458078 °		38.458078 °
				-121.501367 °		-121.501367 °
DWR ID	DWR_MA0009_01_s_2012_184					
Comment Code						
BU : Building						
Inspector Comment						
Freeport bait shop.						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_184\_20170320\_00154.jpg



View of the Freeport Bat shop at the toe of the levee on the landward side looking upstream. Fall 2015.

LM Start	9.59	Rating **	M	Issue No.	1801
LM End	9.59	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.458050 °	38.458050 °
				-121.501330 °	-121.501330 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5908 DS_ID:18949 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch galvanized steel pipe through the levee 1.5-feet below the crown. FS Date: 6/21/2012 3:17:41 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_5908\_8979.jpg



Close up of pipe on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.59	Rating **	M	Issue No.	1801 (cont)	
LM End	9.59	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.458050 °	38.458050 °	
				-121.501330 °	-121.501330 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5908 DS_ID:18949 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch galvanized steel pipe through the levee 1.5-feet below the crown. FS Date: 6/21/2012 3:17:41 PM						

Photo 2 of 3 : UCIP\_SP\_2017\_5908\_8978.jpg



View of pipe on WS slope.

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1801 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_5908\_8977.jpg



View of pipe location from levee crown looking towards WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.59	Rating **	M	Issue No.	1802
LM End	9.59	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.458020 °	38.458020 °
				-121.501320 °	-121.501320 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5106 DS_ID:17398 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Due to the amount of small utilities in this area it is unclear if any are authorized. FIELD_STRUCT_DESC: 1 of 6: 1-inch conduit through levee, 3 feet below crown. FS Date: 6/21/2012 11:59:21 AM					

No Photos

LM Start	9.59	Rating **	M	Issue No.	1803
LM End	9.59	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.458010 °	38.458010 °
				-121.501320 °	-121.501320 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5107 DS_ID:17646 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 2 of 6: 2-inch drain pipe through levee, 3 feet below crown. Main valve in box on waterward slope. Found 1.5-inch steel pipe near this location just upstream of stairs on WS of levee 1.5 feet below crown. FS Date: 6/21/2012 12:59:07 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_5107\_6816.jpg



Pipe on WS slope just upstream from stairs.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.59	Rating **	M	Issue No.	1803 (cont)	
LM End	9.59	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.458010 °		38.458010 °
				-121.501320 °		-121.501320 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5107 DS_ID:17646 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 2 of 6: 2-inch drain pipe through levee, 3 feet below crown. Main valve in box on waterward slope. Found 1.5-inch steel pipe near this location just upstream of stairs on WS of levee 1.5 feet below crown. FS Date: 6/21/2012 12:59:07 PM						

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1803 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_5107\_6815.jpg



Pipe on WS slope just upstream from stairs.

Photo 3 of 3 : UCIP\_SP\_2017\_5107\_6814.jpg



Pipe on WS slope just upstream from stairs.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.60	Rating **	M	Issue No.	1804
LM End	9.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457990 °	38.457990 °
				-121.501310 °	-121.501310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5108					
DS_ID:17647					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings.					
FIELD_STRUCT_DESC: 3 of 6: 1-inch pipe through levee, 0.5 feet below crown, to marina in stream. Pipe visible at back of shed at LS toe of slope. Unclear if this goes through the levee.					
FS Date: 6/21/2012 1:03:36 PM					

Photo 1 of 1 : UCIP\_SP\_2017\_5108\_6817.jpg



Pipes appear to be exiting the back of the shed and going through the levee at the LS toe.

LM Start	9.60	Rating **	M	Issue No.	1805
LM End	9.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457980 °	38.457980 °
				-121.501310 °	-121.501310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5109					
DS_ID:17648					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings.					
FIELD_STRUCT_DESC: 4 of 6: 1-inch pipe through levee, 0.5 feet below crown, to marina in stream. Pipe appears to exit the back of the shed and enter the levee at the LS toe.					
FS Date: 6/21/2012 1:07:06 PM					

Photo 1 of 1 : UCIP\_SP\_2017\_5109\_6818.jpg



Pipes appear to exit the back of the shed and enter the levee.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.60	Rating **	M	Issue No.	1806
LM End	9.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457960 °	38.457960 °
				-121.501300 °	-121.501300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5110 DS_ID:17649 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 5 of 6: 1/2-inch pipe through levee, 0.5 feet below crown, to marina in stream. Pipe appears to exit the shed at the LS toe and enter the levee. FS Date: 6/21/2012 1:08:56 PM					

Photo 1 of 1 : UCIP\_SP\_2017\_5110\_6819.jpg



Pipes appear to exit the back of the shed at the LS toe and enter the levee.

LM Start	9.61	Rating **	U	Issue No.	1807
LM End	9.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457840 °	38.457840 °
				-121.501270 °	-121.501270 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51247 DS_ID:18950 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/01/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Open conduit through the levee. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 12/2/2016					

Photo 1 of 3 : UCIP\_SP\_2017\_51247\_20793.jpg



Pipe through freeport marina grass sign.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.61	Rating **	U	Issue No.	1807 (cont)
LM End	9.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457840 °	38.457840 °
				-121.501270 °	-121.501270 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51247 DS_ID:18950 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/01/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Open conduit through the levee. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 12/2/2016					

LM Start	<b>9.61</b>	Rating **	U	Issue No.	<b>1807 (cont)</b>
LM End	<b>9.61</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_51247\_20792.jpg



View of PVC pipe running through 2nd pipe.

Photo 3 of 3 : UCIP\_SP\_2017\_51247\_20791.jpg



Both pipes on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.61	Rating **	U	Issue No.	1808
LM End	9.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457840 °	38.457840 °
				-121.501270 °	-121.501270 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51248  
DS\_ID:18951  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/02/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Pipe open on both ends. No permit identified for this crossing. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 2 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends.  
FS Date: 12/2/2016

LM Start	<b>9.61</b>	Rating **	U	Issue No.	<b>1808 (cont)</b>
LM End	<b>9.61</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_51248\_20796.jpg



Both pipes through grass sign on LS slope.

Photo 2 of 3 : UCIP\_SP\_2017\_51248\_20795.jpg



PVC waterline running through pipe on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.61	Rating **	U	Issue No.	1808 (cont)
LM End	9.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457840 °	38.457840 °
				-121.501270 °	-121.501270 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51248 DS_ID:18951 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Pipe open on both ends. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 12/2/2016					

Photo 3 of 3 : UCIP\_SP\_2017\_51248\_20794.jpg



both pipes on WS shoulder.

LM Start	9.61	Rating **	M	Issue No.	1809
LM End	9.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457723 °	38.457723 °
				-121.501230 °	-121.501230 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5112 DS_ID:17650 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 6 of 6: 1/2-inch galvanized steel riser with water spigot on landward shoulder. FS Date: 6/21/2012 1:11:00 PM					

Photo 1 of 1 : UCIP\_SP\_2017\_5112\_6821.jpg



bent metal pipe at center leads to spigot at other end of Freeport Marina grass and gravel sign.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.67	Rating **	U	Issue No.	1810
LM End	9.67	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.456900 °	38.456900 °
				-121.500990 °	-121.500990 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51249 DS_ID:17399 EP_NO: 1804 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 12/02/2016 same as last inspection no markers were found at this location. Need to coordinate with owner to determine status of crossing. (O. Magana - DWR UCIP)06/22/2012 No evidence could be found of crossing. Gasline markers should be installed if pipe actually at this location. Pipe not found. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 1.5-inch galvanized iron gasoline pipe and 1-inch electrical conduit through levee, 3 feet below crown. Shut-off valves on both ends. (1.5-inch gasoline pipe authorized under Permit No. 1804, 1959 - Cofer) [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016					

No Photos

LM Start	9.80	Rating **	M	Issue No.	1811
LM End	9.80	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.455040 °	38.455040 °
				-121.500450 °	-121.500450 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5117					
DS_ID:17439					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Walkway unsafe and could pose attractive nuisance to minors. Walkway should be repaired or removed.					
FIELD_STRUCT_DESC: 14-inch pipe through levee, 7.2 feet below crown. Pump on pile structure in stream. Overhead power line crosses levee to pole and meter next to pump. Ramp on landward slope. Permit No. 1449, 1949. Included in O+M manual (1955).					
FS Date: 6/22/2012 1:36:29 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_5117\_6830.jpg



Walkway in total disrepair at pump on WS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.80	Rating **	M	Issue No.	1811 (cont)
LM End	9.80	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.455040 °	38.455040 °
				-121.500450 °	-121.500450 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5117					
DS_ID:17439					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Walkway unsafe and could pose attractive nuisance to minors. Walkway should be repaired or removed.					
FIELD_STRUCT_DESC: 14-inch pipe through levee, 7.2 feet below crown. Pump on pile structure in stream. Overhead power line crosses levee to pole and meter next to pump. Ramp on landward slope. Permit No. 1449, 1949. Included in O+M manual (1955).					
FS Date: 6/22/2012 1:36:29 PM					

Photo 2 of 3 : UCIP\_SP\_2017\_5117\_6829.jpg



Pump next to meter on pole, WS.

LM Start	<b>9.80</b>	Rating **	M	Issue No.	<b>1811 (cont)</b>
LM End	<b>9.80</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_5117\_6828.jpg



Pump and pipe on WS of levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.85	Rating **	M	Issue No.	1812
LM End	9.85	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454360 °	38.454360 °
				-121.500300 °	-121.500300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5920 DS_ID:18953 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch PVC pipe found on WS toe. Unclear if pipe penetrates levee. FS Date: 6/22/2012 3:33:20 PM					

LM Start	<b>9.85</b>	Rating **	M	Issue No.	<b>1812 (cont)</b>
LM End	<b>9.85</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2017\_5920\_9002.jpg



Pipe alignment from waters edge to upstream corner of building on WS shoulder of levee.

Photo 2 of 2 : UCIP\_SP\_2017\_5920\_9001.jpg



Pipe on WS toe at river.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.86	Rating **	M	Issue No.	1813
LM End	9.86	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454220 °	38.454220 °
				-121.500280 °	-121.500280 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:5921  
DS\_ID:18954  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Indicator Found  
UCIP Comments: No permit identified for this crossing.  
FIELD\_STRUCT\_DESC: Trenchwork through levee. Evidence of unidentified utility crossing.  
FS Date: 6/22/2012 3:38:59 PM

LM Start	<b>9.86</b>	Rating **	M	Issue No.	<b>1813 (cont)</b>
LM End	<b>9.86</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2017\_5921\_9004.jpg



Trench work down WS slope.

Photo 2 of 2 : UCIP\_SP\_2017\_5921\_9003.jpg



Trench work from under RR tracks across crown down WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.92	Rating **	M	Issue No.	360
LM End	9.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.453408 °	38.453408 °
				-121.500167 °	-121.500167 °
DWR ID	DWR_MA0009_01_f_2015_360				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_360\_20170320\_00273.jpg



An updated view of a footpath on LS slope of the levee. Fall 2016.

LM Start	<b>9.92</b>	Rating **	M	Issue No.	<b>360 (cont)</b>
LM End	<b>9.92</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_360\_20170320\_00274.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.94	Rating **	M	Issue No.	361
LM End	9.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.453095 °	38.453095 °
				-121.500147 °	-121.500147 °
DWR ID	DWR_MA0009_01_f_2015_361				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_361\_20170320\_00275.jpg



An update view of a footpath on LS slope of the levee. Fall 2016.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	9.94	Rating **	M	Issue No.	361 (cont)	
LM End	9.94	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.453095 °		38.453095 °
				-121.500147 °		-121.500147 °
DWR ID	DWR_MA0009_01_f_2015_361					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_361\_20170320\_00276.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.96	Rating **	M	Issue No.	362
LM End	9.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.452728 °	38.452728 °
				-121.500100 °	-121.500100 °
DWR ID	DWR_MA0009_01_f_2015_362				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_362\_20170320\_00277.jpg



Updated view of a footpath on LS slope of the levee. Fall 2016.

LM Start	<b>9.96</b>	Rating **	M	Issue No.	<b>362 (cont)</b>
LM End	<b>9.96</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_362\_20170320\_00278.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	10.02	Rating **	M	Issue No.	363
LM End	10.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.451907 °	38.451907 °
				-121.500047 °	-121.500047 °
DWR ID	DWR_MA0009_01_f_2015_363				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_363\_20170320\_00279.jpg



Perspective view of the rodent hole on the landward side of the levee looking downstream. Spring 2016.

LM Start	10.02	Rating **	M	Issue No.	363 (cont)
LM End	10.02	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_363\_20170320\_00280.jpg



Rodent hole is about midway down the slope of the levee. Spring 2016.

LM Start	10.03	Rating **	M	Issue No.	364
LM End	10.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.451717 °	38.451717 °
				-121.500002 °	-121.500002 °
DWR ID	DWR_MA0009_01_f_2015_364				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_364\_20170320\_00281.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	10.05	Rating **	M	Issue No.	365
LM End	10.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.451468 °	38.451468 °
				-121.500030 °	-121.500030 °
DWR ID	DWR_MA0009_01_f_2015_365				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_365\_20170320\_00282.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	10.09	Rating **	M	Issue No.	366
LM End	10.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.450913 °	38.450913 °
				-121.500045 °	-121.500045 °
DWR ID	DWR_MA0009_01_f_2015_366				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_366\_20170320\_00283.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	10.12	Rating **	M	Issue No.	381
LM End	10.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.450427 °	38.450427 °
				-121.500032 °	-121.500032 °
DWR ID	DWR_MA0009_01_s_2016_381				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_381\_20170320\_00295.jpg



View from Hwy 160 on slope stability site on LS slope of the levee. Fall 2016.

LM Start	10.12	Rating **	M	Issue No.	381 (cont)
LM End	10.12	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_381\_20170320\_00296.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2016.

LM Start	10.15	Rating **	M	Issue No.	368
LM End	10.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.449967 °	38.449967 °
				-121.500053 °	-121.500053 °
DWR ID	DWR_MA0009_01_f_2015_368				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_368\_20170320\_00286.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	10.54	Rating **	M	Issue No.	309
LM End	10.54	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.444353 °	38.444353 °
				-121.500472 °	-121.500472 °
DWR ID	DWR_MA0009_01_s_2015_309				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_309\_20170320\_00229.jpg



View of the crack on the water ward side of the levee looking downstream. Spring 2015.

LM Start	10.56	Rating **	M	Issue No.	1814
LM End	10.56	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.444136 °	38.444136 °
				-121.500414 °	-121.500414 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:9443 DS_ID:18957 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee 3.5-feet below the crown. Pump on elevated pier with elevated walkway on waterside shoulder. 48-inch concrete distribution box on LS toe. Permit No. 1629, 1952. FS Date: 6/22/2012 3:46:00 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_9443\_16422.jpg



Pump on elevated pier on WS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	10.56	Rating **	M	Issue No.	1814 (cont)	
LM End	10.56	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.444136 °	38.444136 °	
				-121.500414 °	-121.500414 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:9443						
DS_ID:18957						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee						
3.5-feet below the crown. Pump on elevated pier with elevated walkway						
on waterside shoulder. 48-inch concrete distribution box on LS toe.						
Permit No. 1629, 1952.						
FS Date: 6/22/2012 3:46:00 PM						

Photo 2 of 3 : UCIP\_SP\_2017\_9443\_16423.jpg



Concrete Standpipe on LS in homeowners yard.

LM Start	<b>10.56</b>	Rating **	M	Issue No.	<b>1814 (cont)</b>
LM End	<b>10.56</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_9443\_16424.jpg



Pipe, Fire Connection, and Fenced in Walway on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	10.58	Rating **	M	Issue No.	310
LM End	10.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.443880 °	38.443880 °
				-121.500545 °	-121.500545 °
DWR ID	DWR_MA0009_01_s _ 2015_310				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	10.60	Rating **	M	Issue No.	305
LM End	19.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.443583 °	38.346828 °
				-121.500657 °	-121.536140 °
DWR ID	DWR_MA0009_01_s _ 2017_305				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	10.77	Rating **	M	Issue No.	220
LM End	10.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.441133 °	38.441133 °
				-121.501632 °	-121.501632 °
DWR ID	DWR_MA0009_01_s _ 2012_220				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_220\_20170320\_00177.jpg



The over grown landscape blocks visibility. Fall 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	10.77	Rating **	M	Issue No.	220 (cont)	
LM End	10.77	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.441133 °		38.441133 °
				-121.501632 °		-121.501632 °
DWR ID	DWR_MA0009_01_s_2012_220					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : SP\_2017\_MA0009\_201\_220\_20170320\_00178.jpg



A view of the drive and landscape. Photo taken spring 2012.

LM Start	10.82	Rating **	M	Issue No.	219
LM End	10.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.440577 °	38.440577 °
				-121.502058 °	-121.502058 °
DWR ID	DWR_MA0009_01_s_2012_219				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_219\_20170320\_00176.jpg



A view of the horse corral and some landscape. Photo taken spring 2012.

LM Start	10.95	Rating **	M	Issue No.	161
LM End	10.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.439031 °	38.439031 °
				-121.503463 °	-121.503463 °
DWR ID	DWR_MA0009_01_f_2012_161				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_161\_20170320\_00123.jpg



Landscape planted at toe of levee. Fall 2012

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	10.96	Rating **	M	Issue No.	160
LM End	10.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.438883 °	38.438883 °
				-121.503654 °	-121.503654 °
DWR ID	DWR_MA0009_01_f_2012_160				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_160\_20170320\_00122.jpg



Groundcover and shrubs on the slope and toe of levee. Fall 2012

LM Start	11.02	Rating **	N	Issue No.	306
LM End	11.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.438314 °	38.438314 °
				-121.504306 °	-121.504306 °
DWR ID	DWR_MA0009_01_s_2017_306				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_306\_20170426\_00510.jpg



View of stump on waterside levee slope. Spring 2017.

LM Start	11.03	Rating **	M	Issue No.	154
LM End	11.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.438178 °	38.438178 °
				-121.504409 °	-121.504409 °
DWR ID	DWR_MA0009_01_f_2012_154				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_154\_20170320\_00114.jpg



Agave and shrubs planted on levee slope. Fall 2012

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.04	Rating **	M	Issue No.	357
LM End	11.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.438065 °	38.438065 °
				-121.504606 °	-121.504606 °
DWR ID	DWR_MA0009_01_f_2015_357				
Comment Code					
FW : Firewood					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_357\_20170320\_00270.jpg



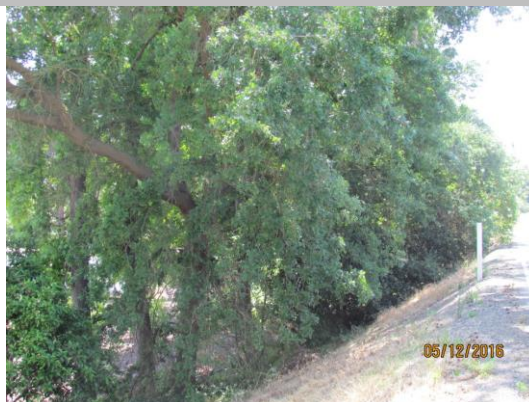
View of the firewood along the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	11.14	Rating **	M	Issue No.	382
LM End	11.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.437101 °	38.437101 °
				-121.506064 °	-121.506064 °
DWR ID	DWR_MA0009_01_s_2017_382				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	11.19	Rating **	M	Issue No.	72
LM End	11.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.436735 °	38.436735 °
				-121.506647 °	-121.506647 °
DWR ID	DWR_MA0009_01_f_2012_72				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_72\_20170320\_00048.jpg



View of the landscape on the landward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.23	Rating **	M	Issue No.	1815
LM End	11.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.436370 °	38.436370 °
				-121.507300 °	-121.507300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5129					
DS_ID:17457					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Determine if this pipe is grouted in place.					
FIELD_STRUCT_DESC: *ABANDONED* 14-inch pipe through levee, 5.0 feet below-crown. Pump and butterfly valve in pump house on waterward slope. 1.5-inch galvanized steel pipe 5-feet below crown provides electricity. 36-inch Concrete standpipe on LS toe. Permit No. 1215, 1947. included in O+M manual (1955). May have been grouted in place as there are grouting standpipes on both the LS and WS shoulder.					
FS Date: 6/22/2012 2:48:01 PM					

LM Start	11.23	Rating **	M	Issue No.	1815 (cont)
LM End	11.23	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_5129\_6861.jpg



14-inch steel pipe on LS slope with 36-inch concrete standpipe in trees at toe.

Photo 2 of 3 : UCIP\_SP\_2017\_5129\_6860.jpg



Grouting attachment at LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.23	Rating **	M	Issue No.	1815 (cont)
LM End	11.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.436370 °	38.436370 °
				-121.507300 °	-121.507300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5129 DS_ID:17457 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Determine if this pipe is grouted in place. FIELD_STRUCT_DESC: *ABANDONED* 14-inch pipe through levee, 5.0 feet below-crown. Pump and butterfly valve in pump house on waterward slope. 1.5-inch galvanized steel pipe 5-feet below crown provides electricity. 36-inch Concrete standpipe on LS toe. Permit No. 1215, 1947. included in O+M manual (1955). May have been grouted in place as there are grouting standpipes on both the LS and WS shoulder. FS Date: 6/22/2012 2:48:01 PM					

Photo 3 of 3 : UCIP\_SP\_2017\_5129\_6859.jpg



pipe and pumphouse on WS slope

LM Start	11.24	Rating **	M	Issue No.	311
LM End	11.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.436349 °	38.435854 °
				-121.507423 °	-121.508471 °
DWR ID	DWR_MA0009_01_s_2017_311				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.33	Rating **	M	Issue No.	212
LM End	11.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435647 °	38.435647 °
				-121.508891 °	-121.508891 °
DWR ID	DWR_MA0009_01_s_2012_212				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_212\_20170320\_00174.jpg



Vegetation on the levee slope partially block visibility. Fall 2013

LM Start	11.33	Rating **	M	Issue No.	212 (cont)
LM End	11.33	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_212\_20170320\_00175.jpg



The landscaping is planted on the levee slope and shoulder. Fall 2011

LM Start	11.37	Rating **	M	Issue No.	211
LM End	11.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435385 °	38.435385 °
				-121.509577 °	-121.509577 °
DWR ID	DWR_MA0009_01_s_2012_211				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_211\_20170320\_00173.jpg



View of the landscaping on the landward side of the levee looking downstream. Spring 2016.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.38	Rating **	M	Issue No.	71
LM End	11.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435313 °	38.435313 °
				-121.509660 °	-121.509660 °
DWR ID	DWR_MA0009_01_f _ 2012_71				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	11.38	Rating **	M	Issue No.	376
LM End	11.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435288 °	38.434568 °
				-121.509823 °	-121.512108 °
DWR ID	DWR_MA0009_01_s_2017_376				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	11.54	Rating **	M	Issue No.	210
LM End	11.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.434465 °	38.434465 °
				-121.512453 °	-121.512453 °
DWR ID	DWR_MA0009_01_s_2012_210				
Comment Code					
BU : Building					
Inspector Comment					
Building with some landscaping in front of it.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_210\_20170320\_00172.jpg



View of the building on the landward side of the levee. The building is behind the shrubs and at the toe of the levee. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.55	Rating **	M	Issue No.	209
LM End	11.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.434413 °	38.434413 °
				-121.512623 °	-121.512623 °
DWR ID	DWR_MA0009_01_s_2012_209				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_209\_20170320\_00171.jpg



View of the landscaping on the landward side of the levee looking downstream. Spring 2016.

LM Start	11.66	Rating **	M	Issue No.	1816
LM End	11.66	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.434075 °	38.434075 °
				-121.514687 °	-121.514687 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5133 DS_ID:17461 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: excessive brush on WS slope prevents access to gate valve on WS slope. Remove brush. FIELD_STRUCT_DESC: 6-inch pipe through levee, 16.5 feet below crown. Pump in pump house at toe of landward slope. Could not locate the gate valve on waterward slope. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:08:19 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_5133\_6876.jpg



Pumphouse on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.66	Rating **	M	Issue No.	1816 (cont)	
LM End	11.66	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.434075 °	38.434075 °	
				-121.514687 °	-121.514687 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5133						
DS_ID:17461						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: excessive brush on WS slope prevents access to gate valve on WS slope. Remove brush.						
FIELD_STRUCT_DESC: 6-inch pipe through levee, 16.5 feet below crown. Pump in pump house at toe of landward slope. Could not locate the gate valve on waterward slope. Originally included in O+M manual (1955).						
FS Date: 6/22/2012 3:08:19 PM						

Photo 2 of 3 : UCIP\_SP\_2017\_5133\_6875.jpg



Pump in pumphouse on LS toe.

LM Start	11.66	Rating **	M	Issue No.	1816 (cont)
LM End	11.66	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_5133\_6874.jpg



Brush covered pipe on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.77	Rating **	A/W	Issue No.	374
LM End	11.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.433958 °	38.433958 °
				-121.516706 °	-121.516706 °
DWR ID	DWR_MA0009_01_s_2017_374				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on landside levee slope.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_374\_20170426\_00516.jpg



View of erosion on landside levee slope. Spring 2017.

LM Start	11.78	Rating **	M	Issue No.	1817
LM End	11.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.433998 °	38.433998 °
				-121.516790 °	-121.516790 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5139 DS_ID:17673 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: valve on WS slope does not close. FIELD_STRUCT_DESC: 2 of 2: 6-inch pipes through levee, 15.6 feet below crown. Pump and gate valve in pump house on landward side. Gate valve on WS slope. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:31:00 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_5139\_6899.jpg



Broken or rusted valve on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.78	Rating **	M	Issue No.	1817 (cont)
LM End	11.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.433998 °	38.433998 °
				-121.516790 °	-121.516790 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5139 DS_ID:17673 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: valve on WS slope does not close. FIELD_STRUCT_DESC: 2 of 2: 6-inch pipes through levee, 15.6 feet below crown. Pump and gate valve in pump house on landward side. Gate valve on WS slope. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:31:00 PM					

Photo 2 of 3 : UCIP\_SP\_2017\_5139\_6898.jpg



Pipe on WS slope.

LM Start	<b>11.78</b>	Rating **	M	Issue No.	<b>1817 (cont)</b>
LM End	<b>11.78</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_5139\_6897.jpg



Pumphouse on LS toe with JP and meter.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	11.82	Rating **	M	Issue No.	373
LM End	11.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433972 °	38.434005 °
				-121.517598 °	-121.520601 °
DWR ID	DWR_MA0009_01_s_2017_373				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	12.00	Rating **	M	Issue No.	370
LM End	12.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.434001 °	38.433909 °
				-121.520887 °	-121.526412 °
DWR ID	DWR_MA0009_01_s_2017_370				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	12.00	Rating **	M	Issue No.	208
LM End	12.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433977 °	38.433977 °
				-121.520955 °	-121.520955 °
DWR ID	DWR_MA0009_01_s_2012_208				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_208\_20170320\_00170.jpg



View of the bush on the landward side of the levee looking downstream.  
Spring 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	12.14	Rating **	M	Issue No.	372
LM End	12.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.434096 °	38.434096 °	
			-121.523417 °	-121.523417 °	
DWR ID	DWR_MA0009_01_s _ 2017_372				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	12.26	Rating **	M	Issue No.	371
LM End	12.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.434038 °	38.434038 °	
			-121.525598 °	-121.525598 °	
DWR ID	DWR_MA0009_01_s _ 2017_371				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on landside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	12.29	Rating **	M	Issue No.	1818
LM End	12.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.433945 °	38.433945 °
				-121.526154 °	-121.526154 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41065 DS_ID:17581 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: T post on WS slope and 2-inch galvanized steel pipe on LS toe may indicate ends of abandoned pipe. FIELD_STRUCT_DESC: 6-inch pipe through the levee. Pump on River side with gates on river side of levee have been removed. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:50:00 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_41065\_6903.jpg



Tpost on WS slope.

LM Start	12.29	Rating **	M	Issue No.	1818 (cont)
LM End	12.29	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2017\_41065\_6902.jpg



2-inch pipe on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	12.30	Rating **	A/W	Issue No.	307
LM End	12.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.433977 °	38.433977 °
				-121.526297 °	-121.526297 °
DWR ID	DWR_MA0009_01_s _ 2017_307				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Slight runoff erosion on waterside slope.					

No Photos

LM Start	12.33	Rating **	M	Issue No.	384
LM End	12.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433822 °	38.433665 °
				-121.526819 °	-121.527565 °
DWR ID	DWR_MA0009_01_s _ 2016_384				
Comment Code					
V6 : Landscaping					
Inspector Comment					
7 trees planted at levee toe.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_384\_20170320\_00297.jpg



View of the newly planted trees at the toe of the levee on the landward side looking upstream. Spring 2016.

LM Start	12.40	Rating **	M	Issue No.	225
LM End	12.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433536 °	38.433536 °
				-121.528237 °	-121.528237 °
DWR ID	DWR_MA0009_01_s _ 2012_225				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_225\_20170320\_00179.jpg



View of the groundcover on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	12.44	Rating **	M	Issue No.	355
LM End	12.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433368 °	38.430485 °
				-121.528830 °	-121.531471 °
DWR ID	DWR_MA0009_01_s _ 2017_355				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	12.62	Rating **	U	Issue No.	359
LM End	12.62	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			38.431859 °	38.431859 °
				-121.531335 °	-121.531335 °
DWR ID	DWR_MA0009_01_s _ 2017_359				
Comment Code					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_359\_20170426\_00515.jpg



View of boil at landside levee toe. It appears that the area is still saturated. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	12.71	Rating **	M	Issue No.	1819
LM End	12.71	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430460 °	38.430460 °
				-121.531480 °	-121.531480 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5162 DS_ID:17453 EP_NO: 8662 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Further investigation is necessary to determine proper abandonment of this crossing. It is likely the 6-inch pipe on the WS is sleeved through an 8-inch steel pipe, but only the 6-inch is visible on the WS (see photo) FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 9.0 feet below crown on LS. 6-inch steel pipe through WS slope 3.5 feet below the crown; grouted in place on WS. 1.5-inch steel conduit 3.5 feet below the crown next to 6-inch on WS slope. Power and service pole on landward slope. FS Date: 6/22/2012 8:51:49 AM					

Photo 1 of 1 : UCIP\_SP\_2017\_5162\_6965.jpg



6-inch steel pipe grouted in place 3.5-feet below the crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	12.72	Rating **	U	Issue No.	1820
LM End	12.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430460 °	38.430460 °
				-121.531480 °	-121.531480 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51251  
DS\_ID:17675  
EP\_NO: 8662  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/02/2016 Crossing is not abandoned both LS and WS have been modified since 2012. Need to contact owner to determine status of crossing. On the WS, a new pipe section was added or an existing pipe section has been repaired and painted. The LS pipe section, from pump house to distribution box, appears to have been updated since 2012. If crossing is active owner will need to coordinate with CVFPB to comply with Title 23. Unable to confirm if owner coordinated with CVFPB prior to the pipe modifications. Crossing remains Urgent due to the unknown condition of the pipe section through the levee, in 2012 during the last UCIP inspection the WS pipe showed holes through the pipe and required further evaluation to determine the condition of pipe through levee. Unable to confirm if owner replaced pipe through levee. (O. Magana - DWR UCIP)06/22/2012 Gate valve does not work and inspection does not show pipe as having been grouted in place. Further evaluation is necessary as there are corroded holes in pipe on WS of gate valve. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 8-inch steel irrigation pipe (USACE O&M manual references a 6-inch pipe) through levee, 21.7 feet below crown. Concrete plug on the landside (LS) end. Gate valve is located on waterside (WS) with remote hand-crank. Pumphouse is located on the LS. In 1972, the USACE with the collaboration of the Reclamation Board (now known as the CVFPB), rebuilt a section of the left and right bank levee on the Sacramento River between Sacramento and Rio Vista. Work was performed under the authority of the Sacramento River Levees Project. (8-inch line authorized under Automatic Board Order (ABO) issued as Permit No. 8662, 1972- Scribner) [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 43.09)].  
FS Date: 12/2/2016

Photo 1 of 3 : UCIP\_SP\_2017\_51251\_20789.jpg



Pumphouse on LS toe with meter on pole and 3X5 concrete distribution box.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	12.72	Rating **	U	Issue No.	1820 (cont)
LM End	12.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430460 °	38.430460 °
				-121.531480 °	-121.531480 °
DWR ID					

Comment Code					
Inspector Comment					

FS\_ID:51251  
DS\_ID:17675  
EP\_NO: 8662  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/02/2016 Crossing is not abandoned both LS and WS have been modified since 2012. Need to contact owner to determine status of crossing. On the WS, a new pipe section was added or an existing pipe section has been repaired and painted. The LS pipe section, from pump house to distribution box, appears to have been updated since 2012. If crossing is active owner will need to coordinate with CVFPB to comply with Title 23. Unable to confirm if owner coordinated with CVFPB prior to the pipe modifications. Crossing remains Urgent due to the unknown condition of the pipe section through the levee, in 2012 during the last UCIP inspection the WS pipe showed holes through the pipe and required further evaluation to determine the condition of pipe through levee. Unable to confirm if owner replaced pipe through levee. (O. Magana - DWR UCIP)06/22/2012 Gate valve does not work and inspection does not show pipe as having been grouted in place. Further evaluation is necessary as there are corroded holes in pipe on WS of gate valve. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 8-inch steel irrigation pipe (USACE O&M manual references a 6-inch pipe) through levee, 21.7 feet below crown. Concrete plug on the landside (LS) end. Gate valve is located on waterside (WS) with remote hand-crank. Pumphouse is located on the LS. In 1972, the USACE with the collaboration of the Reclamation Board (now known as the CVFPB), rebuilt a section of the left and right bank levee on the Sacramento River between Sacramento and Rio Vista. Work was performed under the authority of the Sacramento River Levees Project. (8-inch line authorized under Automatic Board Order (ABO) issued as Permit No. 8662, 1972- Scribner) [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 43.09)].  
FS Date: 12/2/2016

Photo 2 of 3 : UCIP\_SP\_2017\_51251\_20788.jpg



Remote hand crank for gate valve at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	12.72	Rating **	U	Issue No.	1820 (cont)
LM End	12.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430460 °	38.430460 °
				-121.531480 °	-121.531480 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51251  
DS\_ID:17675  
EP\_NO: 8662  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/02/2016 Crossing is not abandoned both LS and WS have been modified since 2012. Need to contact owner to determine status of crossing. On the WS, a new pipe section was added or an existing pipe section has been repaired and painted. The LS pipe section, from pump house to distribution box, appears to have been updated since 2012. If crossing is active owner will need to coordinate with CVFPB to comply with Title 23. Unable to confirm if owner coordinated with CVFPB prior to the pipe modifications. Crossing remains Urgent due to the unknown condition of the pipe section through the levee, in 2012 during the last UCIP inspection the WS pipe showed holes through the pipe and required further evaluation to determine the condition of pipe through levee. Unable to confirm if owner replaced pipe through levee. (O. Magana - DWR UCIP)06/22/2012 Gate valve does not work and inspection does not show pipe as having been grouted in place. Further evaluation is necessary as there are corroded holes in pipe on WS of gate valve. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 8-inch steel irrigation pipe (USACE O&M manual references a 6-inch pipe) through levee, 21.7 feet below crown. Concrete plug on the landside (LS) end. Gate valve is located on waterside (WS) with remote hand-crank. Pumphouse is located on the LS. In 1972, the USACE with the collaboration of the Reclamation Board (now known as the CVFPB), rebuilt a section of the left and right bank levee on the Sacramento River between Sacramento and Rio Vista. Work was performed under the authority of the Sacramento River Levees Project. (8-inch line authorized under Automatic Board Order (ABO) issued as Permit No. 8662, 1972- Scribner) [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 43.09)].  
FS Date: 12/2/2016

Photo 3 of 3 : UCIP\_SP\_2017\_51251\_20787.jpg



Gate valve at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	12.76	Rating **	M	Issue No.	207
LM End	12.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.429764 °	38.429764 °
				-121.531226 °	-121.531226 °
DWR ID	DWR_MA0009_01_s_2012_207				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_207\_20170320\_00169.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

LM Start	12.80	Rating **	M	Issue No.	354
LM End	13.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.429258 °	38.421700 °
				-121.530975 °	-121.525198 °
DWR ID	DWR_MA0009_01_s_2017_354				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	12.83	Rating **	M	Issue No.	254
LM End	12.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.428881 °	38.428881 °
				-121.530829 °	-121.530829 °
DWR ID	DWR_MA0009_01_f_2016_254				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_254\_20170320\_00198.jpg



Path made due to foot traffic. May cause slope stability issues. Stepping stones put in the ground. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	<b>13.44</b>	Rating **	U	Issue No.	<b>1821</b>
LM End	<b>13.44</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.421394 °	38.421394 °	
			-121.524955 °	-121.524955 °	
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51464  
DS\_ID:17469  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/02/2016 same as previous inspection recommend internal integrity inspection to determine condition of pipe through the levee. Need to contact owner to determine status of crossing. If crossing is still in use or is no longer in use, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/25/2012 Pipe has leaks between valve and levee crown on both sides of levee. Ineffective repairs have been made. This pipe is an excellent candidate for video inspection. (W. Wylie - DWR UCIP) FIELD\_STRUCT\_DESC: 10-inch steel irrigation pipe through levee, 4.8 feet below crown. Pump in pumphouse located on the waterside (WS) slope, stairs located on both slopes. Gate valves on both ends. Service pole located on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959, (River Mile 42.36)].  
FS Date: 12/2/2016

LM Start	<b>13.44</b>	Rating **	U	Issue No.	<b>1821 (cont)</b>
LM End	<b>13.44</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_51464\_20799.jpg



Pumphouse and stairs on WS slope.

Photo 2 of 3 : UCIP\_SP\_2017\_51464\_20798.jpg



Holes/leaks in pipe on WS of Pumphouse.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	13.48	Rating **	M	Issue No.	351
LM End	14.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.420887 °	38.411254 °
				-121.524520 °	-121.517433 °
DWR ID	DWR_MA0009_01_s_2017_351				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	13.64	Rating **	M	Issue No.	255
LM End	13.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.418862 °	38.418862 °
				-121.523045 °	-121.523045 °
DWR ID	DWR_MA0009_01_f_2016_255				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	13.70	Rating **	U	Issue No.	1822
LM End	13.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.418110 °	38.418110 °
				-121.522470 °	-121.522470 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51260  
DS\_ID:17471  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Not Found  
UCIP Comments: 12/02/2016 Multiple PG&E markers were found along the LS toe. Line runs along LS toe for several miles and splits off main line at multiple locations. Need to coordinate with owner to determine where pipe crosses levee. Need to coordinate with PG&E to determine if crossing goes through the levee or if line goes along LS toe only. (O. Magana - DWR UCIP)06/25/2012 Pipe not found and no markers found. Further investigation should be conducted to locate gasoline. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 6-inch high pressure gasoline of unknown material through levee and across channel at unknown depth.  
[Additional Reference(s): DWR Levee Log, 1991].  
FS Date: 12/2/2016

LM Start	<b>13.70</b>	Rating **	U	Issue No.	<b>1822 (cont)</b>
LM End	<b>13.70</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_51260\_76342.jpg



View of PG&E markers located where pipe is assumed to be.

Photo 2 of 3 : UCIP\_SP\_2017\_51260\_76343.jpg



PG&E line markers visible along LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	13.70	Rating **	U	Issue No.	1822 (cont)	
LM End	13.70	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.418110 °	38.418110 °	
				-121.522470 °	-121.522470 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51260 DS_ID:17471 EP_NO: N/A Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 12/02/2016 Multiple PG&E markers were found along the LS toe. Line runs along LS toe for several miles and splits off main line at multiple locations. Need to coordinate with owner to determine where pipe crosses levee. Need to coordinate with PG&E to determine if crossing goes through the levee or if line goes along LS toe only. (O. Magana - DWR UCIP)06/25/2012 Pipe not found and no markers found. Further investigation should be conducted to locate gasoline. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 6-inch high pressure gasoline of unknown material through levee and across channel at unknown depth. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016						

Photo 3 of 3 : UCIP\_SP\_2017\_51260\_76344.jpg



View of levee crown at crossing.

LM Start	13.85	Rating **	M	Issue No.	1823
LM End	13.85	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.416180 °	38.416180 °
				-121.521083 °	-121.521083 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5172 DS_ID:17474 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent undermining pipe on LS slope. Need to fill burrow with flowable fill. FIELD_STRUCT_DESC: 14-inch pipe through levee, 5.2 feet below crown. 12-inch sleeved through 14-inch with annular space grouted. Pump and gate valve in pumphouse on waterward slope. Service pole on landward slope. 36-inch steel standpipe at toe of landward slope. Originally included in O+M manual (1955). 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe. FS Date: 6/25/2012 10:08:16 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5172\_6983.jpg



Pump and gate valve in pumphouse on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	13.85	Rating **	M	Issue No.	1823 (cont)
LM End	13.85	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.416180 °	38.416180 °
				-121.521083 °	-121.521083 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5172 DS_ID:17474 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent undermining pipe on LS slope. Need to fill burrow with flowable fill. FIELD_STRUCT_DESC: 14-inch pipe through levee, 5.2 feet below crown. 12-inch sleeved through 14-inch with annular space grouted. Pump and gate valve in pumphouse on waterward slope. Service pole on landward slope. 36-inch steel standpipe at toe of landward slope. Originally included in O+M manual (1955). 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe. FS Date: 6/25/2012 10:08:16 AM					

Photo 2 of 3 : UCIP\_SP\_2017\_5172\_6982.jpg



36-inch standpipe, JP, and meter on LS toe.

LM Start	<b>13.85</b>	Rating **	M	Issue No.	<b>1823 (cont)</b>
LM End	<b>13.85</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP\_SP\_2017\_5172\_6981.jpg



Pump and gate valve in pumphouse on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	13.94	Rating **	M	Issue No.	261
LM End	13.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.415112 °	38.415112 °
				-121.520226 °	-121.520226 °
DWR ID	DWR_MA0009_01_f_2016_261				
Comment Code					
PR : Prunings					
Inspector Comment					

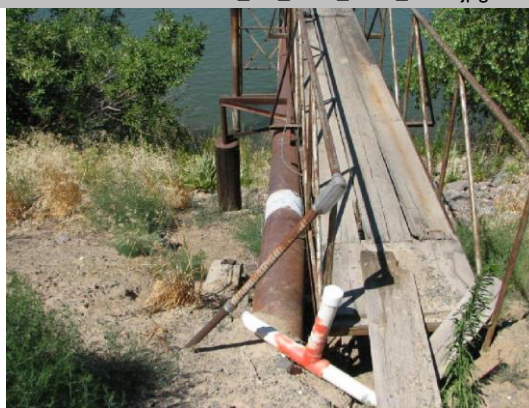
Photo 1 of 1 : SP\_2017\_MA0009\_201\_261\_20170320\_00202.jpg



Prunings and tree body on landside slope looking upstream.

LM Start	14.24	Rating **	M	Issue No.	1824
LM End	14.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.411280 °	38.411280 °
				-121.517510 °	-121.517510 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5174 DS_ID:17475 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between 12-inch and 14-inch pipes needs to be grouted. Siphon breaker on LS shoulder appears to be damaged. No permit identified for this crossing and it is not noted in the O+M manual. FIELD_STRUCT_DESC: 14-inch pipe through levee, 2.6 feet below crown. 12-inch pipe on WS connected to 14-inch pipe through levee. Pump on pile structure in stream. 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe. Siphon breaker in 24-inch CMP riser on LS shoulder. Pole, meter, and 36-inch concrete standpipe on LS toe. Permit No. 1835, 1953. FS Date: 6/25/2012 10:19:35 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5174\_6987.jpg

12-inch steel pipe through 14-inch steel conduit on WS shoulder at pier.  
1.5-inch steel electrical conduit.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.24	Rating **	M	Issue No.	1824 (cont)
LM End	14.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.411280 °	38.411280 °
				-121.517510 °	-121.517510 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5174 DS_ID:17475 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between 12-inch and 14-inch pipes needs to be grouted. Siphon breaker on LS shoulder appears to be damaged. No permit identified for this crossing and it is not noted in the O+M manual. FIELD_STRUCT_DESC: 14-inch pipe through levee, 2.6 feet below crown. 12-inch pipe on WS connected to 14-inch pipe through levee. Pump on pile structure in stream. 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe. Siphon breaker in 24-inch CMP riser on LS shoulder. Pole, meter, and 36-inch concrete standpipe on LS toe. Permit No. 1835, 1953. FS Date: 6/25/2012 10:19:35 AM					

Photo 2 of 3 : UCIP\_SP\_2017\_5174\_6986.jpg



12-inch pipe on pier WS.

LM Start	<b>14.24</b>	Rating **	M	Issue No.	<b>1824 (cont)</b>
LM End	<b>14.24</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_5174\_6985.jpg



siphon breaker in damaged 24-inch CMP riser on LS shoulder (in foreground)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.27	Rating **	M	Issue No.	348
LM End	14.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.410946 °	38.405020 °
				-121.517210 °	-121.513910 °
DWR ID	DWR_MA0009_01_s_2017_348				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	14.27	Rating **	M	Issue No.	205
LM End	14.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.410947 °	38.410947 °
				-121.517202 °	-121.517202 °
DWR ID	DWR_MA0009_01_s_2012_205				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP\_2017\_MA0009\_201\_205\_20170320\_00166.jpg



Looking downstream at the landscaping on the levee slope. Spring 2014

LM Start	<b>14.27</b>	Rating **	M	Issue No.	<b>205 (cont)</b>
LM End	<b>14.27</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2017\_MA0009\_201\_205\_20170320\_00167.jpg



View of the shrubs on the landward side of the levee looking upstream. Spring 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance  
Levee Inspections**

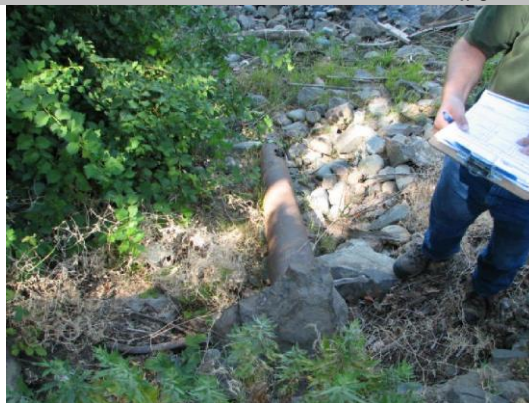
**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.28	Rating **	M	Issue No.	1825
LM End	14.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.410811 °	38.410811 °
				-121.517144 °	-121.517144 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5175 DS_ID:17575 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Type of abandonment needs to be determined. FIELD_STRUCT_DESC: 6-inch pipe through the levee 6.1-feet below the crown and visible on WS toe. Pump on water side removed. Originally included in O+M manual (1955). FS Date: 6/25/2012 10:35:04 AM					

Photo 1 of 1 : UCIP\_SP\_2017\_5175\_6989.jpg



cut-off pipe at WS toe/slope. No indication pipe goes through levee.

LM Start	14.64	Rating **	U	Issue No.	1826
LM End	14.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.406118 °	38.406118 °
				-121.514463 °	-121.514463 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51704					
DS_ID:17466					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: 04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)					
FIELD_STRUCT_DESC: 12-inch pipe through levee, 10.5 feet below crown. Pump on pumphouse on landward side. Originally included in O+M manual (1955). JP and meter at LS toe.					
FS Date: 4/26/2017 11:17:00 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_51704\_6999.jpg



Pumphouse, JP, and meter on LS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.64	Rating **	U	Issue No.	1826 (cont)	
LM End	14.64	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.406118 °	38.406118 °	
				-121.514463 °	-121.514463 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51704						
DS_ID:17466						
EP_NO: N/A						
Repair Type: Urgent						
Crossing Status: Found						
UCIP Comments: 04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)						
FIELD_STRUCT_DESC: 12-inch pipe through levee, 10.5 feet below crown. Pump on pumphouse on landward side. Originally included in O+M manual (1955). JP and meter at LS toe.						
FS Date: 4/26/2017 11:17:00 AM						

LM Start	<b>14.64</b>	Rating **	U	Issue No.	<b>1826 (cont)</b>
LM End	<b>14.64</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_51704\_6998.jpg



8-inch pipe and discarded 8-inch pipe on WS toe.

Photo 3 of 3 : UCIP\_SP\_2017\_51704\_7001.jpg



8-inch pipe at US side of concrete pumphouse.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.64	Rating **	U	Issue No.	1827
LM End	14.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.406099 °	38.406099 °
				-121.514458 °	-121.514458 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51705  
DS\_ID:17441  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 04/26/2017 04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)06/25/2012 Further evaluation should be conducted to determine if 12-inch pipe through levee has been properly abandoned. Pipe rusted through at bottom of pumphouse. (G. Wylie - FPIIB)  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 12-inch pipe through levee, 9.5 feet below crown. Concrete pumphouse with pump and gate valve at bottom of pit on WS slope. Steel plate welded on waterward end could not be verified or found. Originally included in O+M manual (1955).  
FS Date: 4/26/2017 10:52:00 AM

LM Start	<b>14.64</b>	Rating **	U	Issue No.	<b>1827 (cont)</b>
LM End	<b>14.64</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_51705\_6995.jpg



Pump, pipe, and gate valve at bottom of pit in pumphouse.

Photo 2 of 3 : UCIP\_SP\_2017\_51705\_6994.jpg



Pipe appears to be severely corroded at bottom of pumphouse pit.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.64	Rating **	U	Issue No.	1827 (cont)	
LM End	14.64	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.406099 °	38.406099 °	
				-121.514458 °	-121.514458 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51705						
DS_ID:17441						
EP_NO: N/A						
Repair Type: Urgent						
Crossing Status: Found						
UCIP Comments: 04/26/2017 04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)06/25/2012 Further evaluation should be conducted to determine if 12-inch pipe through levee has been properly abandoned. Pipe rusted through at bottom of pumphouse. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: *ABANDONED* 12-inch pipe through levee, 9.5 feet below crown. Concrete pumphouse with pump and gate valve at bottom of pit on WS slope. Steel plate welded on waterward end could not be verified or found. Originally included in O+M manual (1955).						
FS Date: 4/26/2017 10:52:00 AM						

Photo 3 of 3 : UCIP\_SP\_2017\_51705\_6993.jpg



Pumphouse on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.73	Rating **	M	Issue No.	1828
LM End	14.73	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.404834 °	38.404834 °
				-121.513860 °	-121.513860 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51462 DS_ID:17464 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Same as previous inspection. Need find owner. Owner will need to coordinate with the CVFPB to address what is currently logged as unauthorized encroachments. Owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Crossing has been downgraded from "Urgent" to "Non-Urgent" due to modifications made to the UCIP repair/maintenance priority. (O. Magana - DWR UCIP)06/25/2012 No permit issued for this crossing and it is not an O+M entry. Abandoned pipe not grouted or sealed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2.25-inch steel water line through levee, 5 feet below crown. Gate valve located on the waterside (WS) slope has been removed. 2-inch steel pipe remains visible on the landside (LS) slope parallel to new 2.25-inch steel pipe. Pumphouse is located on the LS toe. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016					

LM Start	<b>14.73</b>	Rating **	M	Issue No.	<b>1828 (cont)</b>
LM End	<b>14.73</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_51462\_20806.jpg



2.25-inch pipe at waterline.

Photo 2 of 3 : UCIP\_SP\_2017\_51462\_20805.jpg



View of pipe from WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.73	Rating **	M	Issue No.	1828 (cont)	
LM End	14.73	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.404834 °	38.404834 °	
				-121.513860 °	-121.513860 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51462 DS_ID:17464 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Same as previous inspection. Need find owner. Owner will need to coordinate with the CVFPB to address what is currently logged as unauthorized encroachments. Owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Crossing has been downgraded from "Urgent" to "Non-Urgent" due to modifications made to the UCIP repair/maintenance priority. (O. Magana - DWR UCIP)06/25/2012 No permit issued for this crossing and it is not an O+M entry. Abandoned pipe not grouted or sealed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2.25-inch steel water line through levee, 5 feet below crown. Gate valve located on the waterside (WS) slope has been removed. 2-inch steel pipe remains visible on the landside (LS) slope parallel to new 2.25-inch steel pipe. Pumphouse is located on the LS toe. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016						

Photo 3 of 3 : UCIP\_SP\_2017\_51462\_20804.jpg



LS slope at pipe and pumphouse

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.75	Rating **	M	Issue No.	1829
LM End	14.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.404510 °	38.404510 °
				-121.513690 °	-121.513690 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5926 DS_ID:18958 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: 4-inch cast iron pipe through levee, 18-feet below crown. Located 9-feet upstream from boat ramp walkway on waterward slope. FS Date: 6/25/2012 3:51:21 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5926\_9012.jpg



Pipe on WS slope at waterline. Pipe not backfilled with grout.

LM Start	<b>14.75</b>	Rating **	M	Issue No.	<b>1829 (cont)</b>
LM End	<b>14.75</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2017\_5926\_9011.jpg



Pipe on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.76	Rating **	M	Issue No.	1830
LM End	14.76	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.404480 °	38.404480 °
				-121.513680 °	-121.513680 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5928 DS_ID:18959 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch PVC electrical conduit through the levee 1.5-feet below the crown at the upstream side of boat ramp walkway. Provides electrical service to boat ramp. FS Date: 6/25/2012 3:53:19 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5928\_9020.jpg



Possible electrical conduit on boat dock.

LM Start	<b>14.76</b>	Rating **	M	Issue No.	<b>1830 (cont)</b>
LM End	<b>14.76</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2017\_5928\_9019.jpg



Electrical conduit at WS shoulder on upstream side of pier walkway.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	14.76	Rating **	M	Issue No.	957
LM End	14.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.404447 °	38.404447 °
				-121.513634 °	-121.513634 °
DWR ID	DWR_MA0009_01_s _ 2012_957				
Comment Code					
FE : Fence					
Inspector Comment					
Painted brick wall on landside shoulder.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_957\_20170320\_00300.jpg



View of the brick wall on the shoulder of the levee on the landward side looking upstream. Spring 2016.

LM Start	14.77	Rating **	M	Issue No.	347
LM End	15.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.404240 °	38.400077 °
				-121.513533 °	-121.512162 °
DWR ID	DWR_MA0009_01_s _ 2017_347				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.04	Rating **	M	Issue No.	1831
LM End	15.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.400520 °	38.400520 °
				-121.512300 °	-121.512300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5180 DS_ID:17429 EP_NO: 6189 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if additional pipe on LS slope is discarded material or an additional pipe through the levee. FIELD_STRUCT_DESC: 5-inch pipe sleeved through 7-inch pipe through levee, 8.4 feet below crown. Annular space grouted, pump and gate valve in pumphouse on landward side (App. No. 6189 11/15/1968). Originally included in O+M manual (1955). 1-inch pimer line runs to LS shoulder and 5-inch standpipe. FS Date: 6/25/2012 11:31:49 AM					

LM Start	<b>15.04</b>	Rating **	M	Issue No.	<b>1831 (cont)</b>
LM End	<b>15.04</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_5180\_7004.jpg



Pumphouse, JP, and meter on LS toe. Showing 3 pipes on LS slope.

Photo 2 of 3 : UCIP\_SP\_2017\_5180\_7003.jpg



Pump in pumphouse on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.04	Rating **	M	Issue No.	1831 (cont)
LM End	15.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.400520 °	38.400520 °
				-121.512300 °	-121.512300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5180 DS_ID:17429 EP_NO: 6189 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if additional pipe on LS slope is discarded material or an additional pipe through the levee. FIELD_STRUCT_DESC: 5-inch pipe sleeved through 7-inch pipe through levee, 8.4 feet below crown. Annular space grouted, pump and gate valve in pumphouse on landward side (App. No. 6189 11/15/1968). Originally included in O+M manual (1955). 1-inch pimer line runs to LS shoulder and 5-inch standpipe. FS Date: 6/25/2012 11:31:49 AM					

Photo 3 of 3 : UCIP\_SP\_2017\_5180\_7002.jpg



Distribution system on LS toe.

LM Start	15.09	Rating **	M	Issue No.	55
LM End	15.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.399804 °	38.399804 °
				-121.512096 °	-121.512096 °
DWR ID	DWR_MA0009_01_s_2012_55				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_55\_20170320\_00041.jpg



View of the trees and ivy plants on the shoulder of the levee on the landward side looking upstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.10	Rating **	M	Issue No.	11
LM End	15.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.399692 °	38.387475 °
				-121.512090 °	-121.513580 °
DWR ID	DWR_MA0009_01_s_2017_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	15.19	Rating **	M	Issue No.	1832
LM End	15.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.398340 °	38.398340 °
				-121.511980 °	-121.511980 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5181					
DS_ID:17430					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Gate valve on WS does not open or close.					
FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 12.7 feet below crown. Joint pole, meter, 16-inch standpipe and pump on LS toe. Gatevalve on waterward slope. 1-inch galvanized steel primer pipe runs parallel to 8-inch pipe on LS slope. Originally included in O+M manual (1955).					
FS Date: 6/25/2012 11:56:42 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5181\_7008.jpg



Gate valve on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.19	Rating **	M	Issue No.	1832 (cont)	
LM End	15.19	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.398340 °	38.398340 °	
				-121.511980 °	-121.511980 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5181						
DS_ID:17430						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Gate valve on WS does not open or close.						
FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 12.7 feet below crown. Joint pole, meter, 16-inch standpipe and pump on LS toe. Gatevalve on waterward slope. 1-inch galvanized steel primer pipe runs parallel to 8-inch pipe on LS slope. Originally included in O+M manual (1955).						
FS Date: 6/25/2012 11:56:42 AM						

Photo 2 of 3 : UCIP\_SP\_2017\_5181\_7007.jpg



Close up of Gate valve on WS slope.

LM Start	15.19	Rating **	M	Issue No.	1832 (cont)
LM End	15.19	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_5181\_7006.jpg



Pump, pipe, and appurtances on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.55	Rating **	M	Issue No.	256
LM End	15.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.393089 °	38.393089 °
				-121.512233 °	-121.512233 °
DWR ID	DWR_MA0009_01_f_2016_256				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope stablity may by caused by pipe on WS toe of the levee.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_256\_20170320\_00200.jpg



At least 1-foot-deep cave found near a UCIP pipe on WS slope. Fall 2016.

LM Start	15.56	Rating **	U	Issue No.	1833
LM End	15.56	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.393070 °	38.393070 °
				-121.512190 °	-121.512190 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51465 DS_ID:17431 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Assumed same condition as last inspection--unable to verify damage reported during last inspection due to limited access to both WS and LS (steep slopes--safety issue). Crossing remains "Urgent" due to signs of sink hole/burrow activity visible along WS pipe alignment. Need to contact owner. Recommend internal integrity inspection be performed at this crossing to determine condition of pipe through the levee. (O. Magana - DWR UCIP)06/25/2012 2-foot deep 5-foot diameter sink hole over pipe at LS shoulder. Pipe has multiple repairs and leaks along water side slope. gate valve is in-operative. Pipe is likely failing internally. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through levee, 17 feet below crown. Pump and gate valve on concrete stand box are located on the landside (LS) toe. Slant pump and 10-inch pipe sleeved into 12-inch pipe located on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 40.34)]. FS Date: 12/2/2016					

Photo 1 of 3 : UCIP\_SP\_2017\_51465\_20809.jpg



Slant pump on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.56	Rating **	U	Issue No.	1833 (cont)
LM End	15.56	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.393070 °	38.393070 °
				-121.512190 °	-121.512190 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51465 DS_ID:17431 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Assumed same condition as last inspection--unable to verify damage reported during last inspection due to limited access to both WS and LS (steep slopes--safety issue). Crossing remains "Urgent" due to signs of sink hole/burrow activity visible along WS pipe alignment. Need to contact owner. Recommend internal integrity inspection be performed at this crossing to determine condition of pipe through the levee. (O. Magana - DWR UCIP)06/25/2012 2-foot deep 5-foot diameter sink hole over pipe at LS shoulder. Pipe has multiple repairs and leaks along water side slope. gate valve is in-operative. Pipe is likely failing internally. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through levee, 17 feet below crown. Pump and gate valve on concrete stand box are located on the landside (LS) toe. Slant pump and 10-inch pipe sleeved into 12-inch pipe located on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 40.34)]. FS Date: 12/2/2016					

LM Start	<b>15.56</b>	Rating **	U	Issue No.	<b>1833 (cont)</b>
LM End	<b>15.56</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_51465\_20808.jpg



Gate valve missing handle.

Photo 3 of 3 : UCIP\_SP\_2017\_51465\_20807.jpg



Pipe holes and patch job typical of large sections of pipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.80	Rating **	M	Issue No.	1834
LM End	15.80	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.389530 °	38.389530 °
				-121.512800 °	-121.512800 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41066 DS_ID:17432 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe abandoned/grouted in place by DWR. Pipe not found but pump and appurtances good indicator of previous location. FIELD_STRUCT_DESC: *ABANDONED* 1 of 2: 8-inch abandoned pipe through levee, 12.7 feet below crown. Pressure grouted 8/68 by DWR. Originally included in O+M manual (1955). FS Date: 6/25/2012 1:39:00 PM					

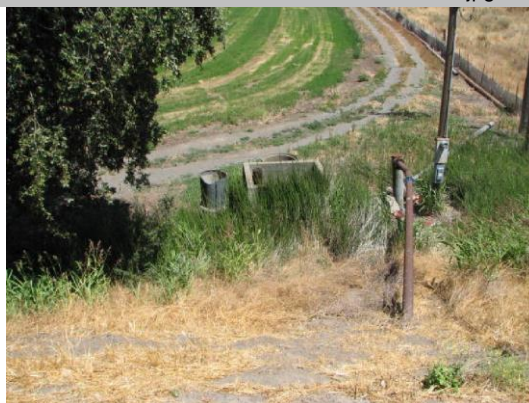
Photo 1 of 2 : UCIP\_SP\_2017\_41066\_7015.jpg



Pump at location where this pipe would have originally been located.

LM Start	<b>15.80</b>	Rating **	M	Issue No.	<b>1834 (cont)</b>
LM End	<b>15.80</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2017\_41066\_7014.jpg



Concrete box and galvanized steel standpipe good indicator as to original pipe location.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.85	Rating **	M	Issue No.	314
LM End	15.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.388870 °	38.388870 °
				-121.513019 °	-121.513019 °
DWR ID	DWR_MA0009_01_s_2017_314				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	15.88	Rating **	U	Issue No.	1835
LM End	15.88	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.388480 °	38.388480 °
				-121.513160 °	-121.513160 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51256 DS_ID:17433 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 same as last inspection pipe has been abandoned. Crossing remains "Urgent" due to WS pipe inlet opened (unable to confirm--pipe has been disconnected). (O. Magana - DWR UCIP)06/25/2012 Pump and gate valve removed from pumphouse. Pipe needs to be closed or properly abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through levee, 13.3 feet below crown. Pump and gate valve missing from the waterside (WS) slope. Service pole and concrete distribution box located at the toe of landside (LS) slope. 1-inch galvanized steel electrical conduit through the levee parallel to the 8-inch pipe. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 39.99). FS Date: 12/2/2016					

Photo 1 of 3 : UCIP\_SP\_2017\_51256\_20814.jpg



WS shoulder: pumphouse missing walls, pump, and gate valve

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.88	Rating **	U	Issue No.	1835 (cont)
LM End	15.88	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.388480 °	38.388480 °
				-121.513160 °	-121.513160 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51256  
DS\_ID:17433  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/02/2016 same as last inspection pipe has been abandoned. Crossing remains "Urgent" due to WS pipe inlet opened (unable to confirm--pipe has been disconnected). (O. Magana - DWR UCIP)06/25/2012 Pump and gate valve removed from pumphouse. Pipe needs to be closed or properly abandoned. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 8-inch steel irrigation pipe through levee, 13.3 feet below crown. Pump and gate valve missing from the waterside (WS) slope. Service pole and concrete distribution box located at the toe of landside (LS) slope. 1-inch galvanized steel electrical conduit through the levee parallel to the 8-inch pipe.  
[Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 39.99).  
FS Date: 12/2/2016

LM Start	<b>15.88</b>	Rating **	U	Issue No.	<b>1835 (cont)</b>
LM End	<b>15.88</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_51256\_20813.jpg



Open pipe where pump and gate valve should be located.

Photo 3 of 3 : UCIP\_SP\_2017\_51256\_20812.jpg



Pipe, JP, meter, and concrete distribution box on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	15.96	Rating **	M	Issue No.	202
LM End	16.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.387379 °	38.385235 °
				-121.513615 °	-121.515025 °
DWR ID	DWR_MA0009_01_s_2012_202				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Rosebud and house upstream					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_202\_20170320\_00165.jpg



View of the trees on the landward slope of the levee looking upstream.  
Spring 2016.

LM Start	16.00	Rating **	M	Issue No.	345
LM End	16.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.386751 °	38.386751 °
				-121.513963 °	-121.513963 °
DWR ID	DWR_MA0009_01_s_2017_345				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on landside levee slope.					

No Photos

LM Start	16.01	Rating **	M	Issue No.	257
LM End	16.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.386692 °	38.386381 °
				-121.514032 °	-121.514210 °
DWR ID	DWR_MA0009_01_f_2016_257				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	16.02	Rating **	M	Issue No.	952
LM End	16.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.386542 °	38.386542 °
				-121.514111 °	-121.514111 °
DWR ID	DWR_MA0009_01_s _ 2012_952				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	16.13	Rating **	M	Issue No.	343
LM End	17.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.385217 °	38.370512 °
				-121.515067 °	-121.520853 °
DWR ID	DWR_MA0009_01_s _ 2017_343				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	16.15	Rating **	M	Issue No.	1836
LM End	16.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.384990 °	38.384990 °
				-121.515280 °	-121.515280 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5186 DS_ID:17434 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump missing from platform. FIELD_STRUCT_DESC: 8-inch pipe through levee, 11.8 feet below crown. Slant pump on waterward slope. gate valve, 24-inch concrete standpipe, anc concrete distribution box on LS toe. Meter on pole LS toe. 1-inch galvanized steel electrical conduit through the levee 11.8 feet below the crown. Originally included in O+M manual (1955). FS Date: 6/26/2012 2:02:36 PM					

LM Start	16.15	Rating **	M	Issue No.	1836 (cont)
LM End	16.15	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_5186\_7023.jpg



Gate valve, standpipe, concrete distribution box, pole, and meter on LS toe.

Photo 2 of 3 : UCIP\_SP\_2017\_5186\_7022.jpg



Open pumphouse with breaker and missing pump shown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	16.15	Rating **	M	Issue No.	1836 (cont)	
LM End	16.15	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.384990 °	38.384990 °	
				-121.515280 °	-121.515280 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5186						
DS_ID:17434						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pump missing from platform.						
FIELD_STRUCT_DESC: 8-inch pipe through levee, 11.8 feet below crown. Slant pump on waterward slope. gate valve, 24-inch concrete standpipe, anc concrete distribution box on LS toe. Meter on pole LS toe. 1-inch galvanized steel electrical conduit through the levee 11.8 feet below the crown. Originally included in O+M manual (1955).						
FS Date: 6/26/2012 2:02:36 PM						

Photo 3 of 3 : UCIP\_SP\_2017\_5186\_7021.jpg



Missing pump.

LM Start	16.15	Rating **	M	Issue No.	953
LM End	16.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.384924 °	38.384924 °
				-121.515363 °	-121.515363 °
DWR ID	DWR_MA0009_01_s_2012_953				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	16.54	Rating **	A	Issue No.	344
LM End	16.58	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			38.381268 °	38.380964 °
				-121.520732 °	-121.521309 °
DWR ID	DWR_MA0009_01_s_2017_344				
Comment Code					
Inspector Comment					
Multiple boils at landside levee toe observed during winter high water.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_344\_20170426\_00514.jpg



View of boils at landside levee toe. Spring 2017.

LM Start	17.10	Rating **	M	Issue No.	1837
LM End	17.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.374100 °	38.374100 °
				-121.522350 °	-121.522350 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5929 DS_ID:18960 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.25-inch PVC pipe through the levee 6-feet below the crown at the upstream side of boat ramp walkway. FS Date: 6/26/2012 3:56:24 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5929\_9022.jpg



Pipe on upstream side of pier walkway.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.10	Rating **	M	Issue No.	1837 (cont)	
LM End	17.10	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.374100 °		38.374100 °
				-121.522350 °		-121.522350 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5929 DS_ID:18960 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.25-inch PVC pipe through the levee 6-feet below the crown at the upstream side of boat ramp walkway. FS Date: 6/26/2012 3:56:24 PM						

Photo 2 of 2 : UCIP\_SP\_2017\_5929\_9021.jpg



Pier on WS shoulder.

LM Start	17.10	Rating **	M	Issue No.	1838
LM End	17.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.374080 °	38.374080 °
				-121.522360 °	-121.522360 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5930 DS_ID:18961 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch PVC pipe through the levee 6-feet below the crown at the upstream side of boat ramp walkway. FS Date: 6/26/2012 3:58:33 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5930\_9024.jpg



Pipes on upstream side of pier walkway.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.10	Rating **	M	Issue No.	1838 (cont)	
LM End	17.10	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.374080 °		38.374080 °
				-121.522360 °		-121.522360 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5930 DS_ID:18961 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch PVC pipe through the levee 6-feet below the crown at the upstream side of boat ramp walkway. FS Date: 6/26/2012 3:58:33 PM						

Photo 2 of 2 : UCIP\_SP\_2017\_5930\_9023.jpg



Pier walkway on WS slope.

LM Start	17.11	Rating **	M	Issue No.	1839
LM End	17.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.374070 °	38.374070 °
				-121.522360 °	-121.522360 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5945 DS_ID:18962 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch PVC pipe through the levee 6-feet below the crown at the upstream side of boat ramp walkway. FS Date: 6/26/2012 3:59:00 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5945\_9086.jpg



Pipes on upstream side of pier walkway.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.11	Rating **	M	Issue No.	1839 (cont)	
LM End	17.11	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.374070 °	38.374070 °	
				-121.522360 °	-121.522360 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5945 DS_ID:18962 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch PVC pipe through the levee 6-feet below the crown at the upstream side of boat ramp walkway. FS Date: 6/26/2012 3:59:00 PM						

Photo 2 of 2 : UCIP\_SP\_2017\_5945\_9085.jpg



Pier walkway on WS slope.

LM Start	17.20	Rating **	N	Issue No.	258
LM End	17.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.372762 °	38.372762 °
				-121.521774 °	-121.521774 °
DWR ID	DWR_MA0009_01_f_2016_258				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
May pose threat to the levee in future.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_258\_20170320\_00201.jpg

Decomposing tree body and root on waterside slope looking upstream.  
Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.36	Rating **	M	Issue No.	1840
LM End	17.36	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370596 °	38.370596 °
				-121.520907 °	-121.520907 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5222 DS_ID:17452 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump disconnected from pipe in pumphouse. FIELD_STRUCT_DESC: 8-inch steel pipe sleeved through 10-inch pipe on WS and 10-inch pipe sleeved through 12-inch pipe on LS, 6.0 feet below crown. Pump disconnected and gate valve in pumphouse on waterward slope. 1.5-inch steel electrical conduit through the levee and parallel to the 8-inch steel pipe. Originally included in O+M manual (1955). FS Date: 6/26/2012 3:02:29 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_5222\_7111.jpg



Concrete standpipe under heavy vegetation at LS toe.

LM Start	17.36	Rating **	M	Issue No.	1840 (cont)
LM End	17.36	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_SP\_2017\_5222\_7110.jpg



10-inch sleeved through a 12-inch pipe on the LS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.36	Rating **	M	Issue No.	1840 (cont)
LM End	17.36	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370596 °	38.370596 °
				-121.520907 °	-121.520907 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5222 DS_ID:17452 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump disconnected from pipe in pumphouse. FIELD_STRUCT_DESC: 8-inch steel pipe sleeved through 10-inch pipe on WS and 10-inch pipe sleeved through 12-inch pipe on LS, 6.0 feet below crown. Pump disconnected and gate valve in pumphouse on waterward slope. 1.5-inch steel electrical conduit through the levee and parallel to the 8-inch steel pipe. Originally included in O+M manual (1955). FS Date: 6/26/2012 3:02:29 PM					

Photo 3 of 3 : UCIP\_SP\_2017\_5222\_7109.jpg



Pump removed from pipe inside pumphouse on WS.

LM Start	17.37	Rating **	M	Issue No.	199
LM End	17.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.370453 °	38.370453 °
				-121.520878 °	-121.520878 °
DWR ID	DWR_MA0009_01_s_2017_199				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_199\_20170320\_00162.jpg



View of the trees and shrubs on the landward side of the levee looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.40	Rating **	M	Issue No.	340
LM End	17.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.369995 °	38.369995 °
				-121.520645 °	-121.520645 °
DWR ID	DWR_MA0009_01_s_2017_340				
Comment Code					
PR : Prunings					
Inspector Comment					
Fallen tree on landside slope.					

No Photos

LM Start	17.44	Rating **	M	Issue No.	1841
LM End	17.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.369520 °	38.369520 °
				-121.520490 °	-121.520490 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5932 DS_ID:17428 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: need to clear vegetation from area in order to find pipe. FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe through levee, 4.0 feet below crown. Pipe open on waterward side, not visible on landward side. FS Date: 6/26/2012 3:18:00 PM					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.49	Rating **	M	Issue No.	1842
LM End	17.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368740 °	38.368740 °
				-121.520400 °	-121.520400 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5933 DS_ID:18964 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel waterline 3.5-feet below the crown. Shutoff valve on waterside slope under building. FS Date: 6/26/2012 4:02:26 PM					

LM Start	<b>17.49</b>	Rating **	M	Issue No.	<b>1842 (cont)</b>
LM End	<b>17.49</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_5933\_9043.jpg



Pipe under walkway of building on WS slope.

Photo 2 of 3 : UCIP\_SP\_2017\_5933\_9042.jpg



Valve sticking up under building on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.49	Rating **	M	Issue No.	1842 (cont)
LM End	17.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368740 °	38.368740 °
				-121.520400 °	-121.520400 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5933 DS_ID:18964 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel waterline 3.5-feet below the crown. Shutoff valve on waterside slope under building. FS Date: 6/26/2012 4:02:26 PM					

Photo 3 of 3 : UCIP\_SP\_2017\_5933\_9041.jpg



Building at waterside slope.

LM Start	17.50	Rating **	M	Issue No.	1843
LM End	17.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368590 °	38.368590 °
				-121.520310 °	-121.520310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5934 DS_ID:18965 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2.5-inch steel electrical conduit 6-feet below the crown. Pipe visible under building on WS slope. FS Date: 6/26/2012 4:04:34 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5934\_9045.jpg



Pipes through levee on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.50	Rating **	M	Issue No.	1843 (cont)	
LM End	17.50	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.368590 °	38.368590 °	
				-121.520310 °	-121.520310 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5934 DS_ID:18965 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2.5-inch steel electrical conduit 6-feet below the crown. Pipe visible under building on WS slope. FS Date: 6/26/2012 4:04:34 PM						

Photo 2 of 2 : UCIP\_SP\_2017\_5934\_9044.jpg



Pipes through levee on WS slope.

LM Start	17.50	Rating **	M	Issue No.	1844
LM End	17.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368580 °	38.368580 °
				-121.520310 °	-121.520310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5935 DS_ID:18966 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch steel electrical conduit 7-feet below the crown. Pipe visible under building on WS slope. FS Date: 6/26/2012 4:06:28 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5935\_9047.jpg



Pipes through levee on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

## Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.50	Rating **	M	Issue No.	1844 (cont)
LM End	17.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368580 °	38.368580 °
				-121.520310 °	-121.520310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5935 DS_ID:18966 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch steel electrical conduit 7-feet below the crown. Pipe visible under building on WS slope. FS Date: 6/26/2012 4:06:28 PM					

A close-up photograph showing a concrete pile cap at the base of a pile. The cap is surrounded by soil and rocks. A metal rod or pipe is visible horizontally across the frame, passing behind the pile cap. The ground surface is uneven and composed of loose soil and small stones.

Pipes through levee on WS slope.

LM Start	17.50	Rating **	M	Issue No.	1845
LM End	17.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368570 °	38.368570 °
				-121.520310 °	-121.520310 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5936 DS_ID:18968 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permits identified for this crossing. FIELD_STRUCT_DESC: 2-inch PVC pipe 5.5-feet below the crown. Pipe visible under building on WS slope. FS Date: 6/26/2012 4:07:33 PM					

Pipes through levee on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.50	Rating **	M	Issue No.	1846
LM End	17.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.368560 °	38.368560 °
				-121.520300 °	-121.520300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5937 DS_ID:18967 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel waterline 5-feet below the crown. Pipe visible under building on WS slope. FS Date: 6/26/2012 4:08:42 PM					

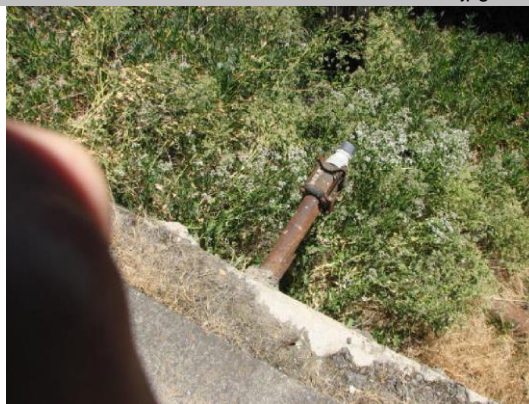
Photo 1 of 2 : UCIP\_SP\_2017\_5937\_9050.jpg



Pipes through levee on WS slope.

LM Start	<b>17.50</b>	Rating **	M	Issue No.	<b>1846 (cont)</b>
LM End	<b>17.50</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2017\_5937\_9049.jpg



Pipe exiting from concret wall on LS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	<b>17.52</b>	Rating **	M	Issue No.	<b>1847</b>
LM End	<b>17.52</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.368270 °	38.368270 °	
			-121.520220 °	-121.520220 °	

DWR ID	
--------	--

Comment Code	
--------------	--

Inspector Comment	
-------------------	--

FS\_ID:5938  
DS\_ID:18969  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: No permit identified for this crossing.  
FIELD\_STRUCT\_DESC: 4-inch cast iron sewer line 2.5-feet below the crown. Pipe visible on underside on building on WS slope.  
FS Date: 6/26/2012 4:10:08 PM

LM Start	<b>17.52</b>	Rating **	M	Issue No.	<b>1847 (cont)</b>
LM End	<b>17.52</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2017\_5938\_9052.jpg



Pipe through levee on WS slope.

Photo 2 of 2 : UCIP\_SP\_2017\_5938\_9051.jpg



Pipe under south corner of building on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.57	Rating **	M	Issue No.	1848
LM End	17.57	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.367650 °	38.367650 °
				-121.520040 °	-121.520040 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5939					
DS_ID:18963					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1-inch PVC domestic waterline through the levee 1.5-feet below the crown. Pipe runs from corner of building to pumphouse catwalk on WS shoulder.					
FS Date: 7/25/2012 4:11:55 PM					

Photo 1 of 2 : UCIP\_SP\_2017\_5939\_9054.jpg



PVC waterline on downstream side of pier walkway.

LM Start	<b>17.57</b>	Rating **	M	Issue No.	<b>1848 (cont)</b>
LM End	<b>17.57</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2017\_5939\_9053.jpg



cut through concrete at building on LS shoulder where waterline was installed (per inspector).

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.58	Rating **	M	Issue No.	338
LM End	18.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.367424 °	38.361415 °
				-121.519463 °	-121.520128 °
DWR ID	DWR_MA0009_01_s_2017_338				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	17.59	Rating **	U	Issue No.	1849
LM End	17.59	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.367310 °	38.367310 °
				-121.519980 °	-121.519980 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51466 DS_ID:17682 EP_NO: 9635 Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Sink hole has developed in the last few weeks according to LMA representative. Hole through pipe section was also observed during inspection. Need to contact owner to inform owner of pipe failure and to stop use of crossing to avoid further damage to levee. (O. Magana - DWR UCIP)06/26/2012 No apparent closure device on pipe and pipe has no indication that it was properly abandoned. Urgent do to size of pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 3 of 3: 36-inch corrugated metal drainage pipe through levee, 5 feet below the crown. Pipe runs under the pier walkway from the location of a removed fish screen test facility at centerline of levee back to river. A 4-inch steel conduit pipe runs parallel to 36-inch and terminates in 36-inch near WS slope. (Fish screen clogging engineering test facility with pump authorized under Permit No. 9635, 9635-B, 1974-CA DWR Central District Delta Branch; Permit No. 9635-A, 1977-CA DWR issued for 2 trailers on the crown and the installation of a septic system--facility is temporary should have been removed in July 1, 1977 per permit recordation page 29 or 76.) FS Date: 12/2/2016					

Photo 1 of 3 : UCIP\_SP\_2017\_51466\_20815.jpg



Pipe under pier.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.59	Rating **	U	Issue No.	1849 (cont)
LM End	17.59	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.367310 °	38.367310 °
				-121.519980 °	-121.519980 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51466  
DS\_ID:17682  
EP\_NO: 9635  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/02/2016 Sink hole has developed in the last few weeks according to LMA representative. Hole through pipe section was also observed during inspection. Need to contact owner to inform owner of pipe failure and to stop use of crossing to avoid further damage to levee. (O. Magana - DWR UCIP)06/26/2012 No apparent closure device on pipe and pipe has no indication that it was properly abandoned. Urgent do to size of pipe. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 3 of 3: 36-inch corrugated metal drainage pipe through levee, 5 feet below the crown. Pipe runs under the pier walkway from the location of a removed fish screen test facility at centerline of levee back to river. A 4-inch steel conduit pipe runs parallel to 36-inch and terminates in 36-inch near WS slope. (Fish screen clogging engineering test facility with pump authorized under Permit No. 9635, 9635-B, 1974-CA DWR Central District Delta Branch; Permit No. 9635-A, 1977-CA DWR issued for 2 trailers on the crown and the installation of a septic system--facility is temporary should have been removed in July 1, 1977 per permit recordation page 29 or 76.)  
FS Date: 12/2/2016

LM Start	<b>17.59</b>	Rating **	U	Issue No.	<b>1849 (cont)</b>
LM End	<b>17.59</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_51466\_76372.jpg



WS view: Sink hole present along pipe alignment.

Photo 3 of 3 : UCIP\_SP\_2017\_51466\_76373.jpg



WS view: 2.5-feet by 3-feet sink hole present on WS.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	17.62	Rating **	M	Issue No.	198
LM End	17.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.366900 °	38.366900 °
				-121.520022 °	-121.520022 °
DWR ID	DWR_MA0009_01_s_2012_198				
Comment Code					
BU : Building					
Inspector Comment					
Pumphouse downstream of the Town of Hood.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_198\_20170320\_00161.jpg



View of the old pumphouse at the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	18.08	Rating **	M	Issue No.	40
LM End	18.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.360380 °	38.360380 °
				-121.520776 °	-121.520776 °
DWR ID	DWR_MA0009_01_s_2016_40				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_40\_20170320\_00034.jpg



View of the wrought iron fence on the shoulder of the levee on the landward side looking upstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.10	Rating **	M	Issue No.	1850
LM End	18.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.360178 °	38.360178 °
				-121.521098 °	-121.521098 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41064 DS_ID:17688 EP_NO: 2391 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump and pipe appear to be abandoned. Need to properly abandon pipe and pump. Pier is a hazardous attractive nuisance. FIELD_STRUCT_DESC: 2 of 2: 12-inch pipe through levee, 7.3 feet below crown with an 8-inch pipe sleeved through it. Pipe and gate valve on waterward side attached to a pump on a pier. 1.25-inch galvanized steel electrical conduit through levee parallel to the 12-inch. 24-inch concrete standpipe, JP, and meter at LS toe (Permit No. 2391). Originally included in O+M manual (1955). FS Date: 6/26/2012 7:49:00 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_41064\_7277.jpg



12-inch with 8-inch on WS slope and 1.25-inch electrical conduit.

LM Start	<b>18.10</b>	Rating **	M	Issue No.	<b>1850 (cont)</b>
LM End	<b>18.10</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_41064\_7276.jpg



Pump on Pier on WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.10	Rating **	M	Issue No.	1850 (cont)	
LM End	18.10	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.360178 °		38.360178 °
				-121.521098 °		-121.521098 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41064 DS_ID:17688 EP_NO: 2391 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump and pipe appear to be abandoned. Need to properly abandon pipe and pump. Pier is a hazardous attractive nuisance. FIELD_STRUCT_DESC: 2 of 2: 12-inch pipe through levee, 7.3 feet below crown with an 8-inch pipe sleeved through it. Pipe and gate valve on waterward side attached to a pump on a pier. 1.25-inch galvanized steel electrical conduit through levee parallel to the 12-inch. 24-inch concrete standpipe, JP, and meter at LS toe (Permit No. 2391). Originally included in O+M manual (1955). FS Date: 6/26/2012 7:49:00 AM						

Photo 3 of 3 : UCIP\_SP\_2017\_41064\_7275.jpg



Ruptured pipe in water at WS toe.

LM Start	18.15	Rating **	M	Issue No.	334
LM End	18.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.359584 °	38.358346 °
				-121.521707 °	-121.524326 °
DWR ID	DWR_MA0009_01_s_2017_334				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.16	Rating **	M	Issue No.	197
LM End	18.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.359501 °	38.359501 °
				-121.521774 °	-121.521774 °
DWR ID	DWR_MA0009_01_s_2012_197				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_197\_20170320\_00160.jpg



View of the groundcover and redwood trees on the landward side of the levee looking upstream. Spring 2016.

LM Start	18.22	Rating **	M	Issue No.	1851
LM End	18.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.359050 °	38.359050 °
				-121.522800 °	-121.522800 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5305 DS_ID:17446 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Could not verify welded steel plates on either end of pipe. Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 10-inch pipe through levee, 8.8 feet below crown. Steel plate welded on both ends by United States Army Corps of Engineers. Pipe visible on LS 5-feet upstream from 4X4 concrete box on LS toe. Originally included in O+M manual (1955). FS Date: 6/26/2012 8:06:32 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5305\_7280.jpg



Pipe through concrete block on LS toe

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.22	Rating **	M	Issue No.	1851 (cont)
LM End	18.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.359050 °	38.359050 °
				-121.522800 °	-121.522800 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5305 DS_ID:17446 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Could not verify welded steel plates on either end of pipe. Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 10-inch pipe through levee, 8.8 feet below crown. Steel plate welded on both ends by United States Army Corps of Engineers. Pipe visible on LS 5-feet upstream from 4X4 concrete box on LS toe. Originally included in O+M manual (1955). FS Date: 6/26/2012 8:06:32 AM					

LM Start	18.22	Rating **	M	Issue No.	1851 (cont)
LM End	18.22	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_5305\_7279.jpg



Pipe on LS toe.

Photo 3 of 3 : UCIP\_SP\_2017\_5305\_7278.jpg



Pipe 5-feet upstream from 4X4 concrete box on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.31	Rating **	M	Issue No.	1852
LM End	18.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.358430 °	38.358430 °
				-121.524130 °	-121.524130 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5306					
DS_ID:17447					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pump leaking oil and siphon breaker on landward slope is burried or has been removed. Need to repair oil leak, locate/repair siphon breaker, and remove foliage from around gate valve on WS.					
FIELD_STRUCT_DESC: 1 of 3: 10-inch pipe through levee, 7.0 feet below crown. Slant pump on pile structure in stream. Siphon break on landward slope burried. One cm cutoff wall. Service pole and concrete standpipe on landward side. Originally included in O+M manual (1955).					
FS Date: 6/26/2012 8:35:06 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5306\_7283.jpg



Concrete standpipe, Joint pole, and meter on LS toe.

LM Start	<b>18.31</b>	Rating **	M	Issue No.	<b>1852 (cont)</b>
LM End	<b>18.31</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_5306\_7282.jpg



various pipes on WS slope that accompany the slant pump.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.31	Rating **	M	Issue No.	1852 (cont)	
LM End	18.31	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.358430 °	38.358430 °	
				-121.524130 °	-121.524130 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5306 DS_ID:17447 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump leaking oil and siphon breaker on landward slope is burried or has been removed. Need to repair oil leak, locate/repair siphon breaker, and remove foliage from around gate valve on WS. FIELD_STRUCT_DESC: 1 of 3: 10-inch pipe through levee, 7.0 feet below crown. Slant pump on pile structure in stream. Siphon break on landward slope burried. One cm cutoff wall. Service pole and concrete standpipe on landward side. Originally included in O+M manual (1955). FS Date: 6/26/2012 8:35:06 AM						

Photo 3 of 3 : UCIP\_SP\_2017\_5306\_7281.jpg



Slant pump on pile structure on WS slope.

LM Start	18.32	Rating **	M	Issue No.	956
LM End	18.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.358278 °	38.358278 °
				-121.524323 °	-121.524323 °
DWR ID	DWR_MA0009_01_s_2012_956				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_956\_20170320\_00299.jpg



View of the brick wall and landscaping on the landward side of the levee looking upstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.36	Rating **	U	Issue No.	329
LM End	18.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.358012 °	38.351319 °
				-121.524937 °	-121.531615 °
DWR ID	DWR_MA0009_01_s _ 2017_329				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_329\_20170426\_00512.jpg



View of tall vegetation on landside levee slope, blocking visibility. Spring 2017.

LM Start	18.43	Rating **	U	Issue No.	332
LM End	18.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.357278 °	38.357278 °
				-121.525817 °	-121.525817 °
DWR ID	DWR_MA0009_01_s _ 2017_332				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion on landside slope next to drainage gutter.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_332\_20170426\_00513.jpg



View of erosion on landside levee slope. Spring 2017.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.60	Rating **	M	Issue No.	1853
LM End	18.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.355380 °	38.355380 °
				-121.527660 °	-121.527660 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5311 DS_ID:17449 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No pump connection and no closure device found. Pipe needs to be closed and abandoned properly. Notes in levee log indicate that this pipe had welded steel plates but none were found on pipe ends. FIELD_STRUCT_DESC: 12-inch asphalt wrapped pipe with pipe sleeved through it 4.0 feet below crown. Pump components on concrete pad on waterward slope. Siphon breaker on landward slope is missing. Remnants of 36-inch concrete pipe riser on LS toe. One cm cutoff wall. 2-inch galvanized steel electrical conduit runs through levee to JP on LS. Originally included in O+M manual (1955). FS Date: 6/26/2012 9:33:51 AM					

Photo 1 of 3 : UCIP\_SP\_2017\_5311\_7294.jpg



Concrete pad for missing pump on WS slope. 2-inch galvanized electrical conduit in foreground.

LM Start	<b>18.60</b>	Rating **	M	Issue No.	<b>1853 (cont)</b>
LM End	<b>18.60</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_5311\_7293.jpg



12-inch pipe with 4-inch attachment or sleeved through. Fuse box.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.60	Rating **	M	Issue No.	1853 (cont)	
LM End	18.60	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.355380 °	38.355380 °	
				-121.527660 °	-121.527660 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5311						
DS_ID:17449						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No pump connection and no closure device found.						
Pipe needs to be closed and abandoned properly. Notes in levee log indicate that this pipe had welded steel plates but none were found on pipe ends.						
FIELD_STRUCT_DESC: 12-inch asphalt wrapped pipe with pipe sleeved through it 4.0 feet below crown. Pump components on concrete pad on waterward slope. Siphon breaker on landward slope is missing. Remnants of 36-inch concrete pipe riser on LS toe. One cm cutoff wall. 2-inch galvanized steel electrical conduit runs through levee to JP on LS. Originally included in O+M manual (1955).						
FS Date: 6/26/2012 9:33:51 AM						

Photo 3 of 3 : UCIP\_SP\_2017\_5311\_7295.jpg



Remnants of 36-inch concrete standpipe on LS toe.

LM Start	18.63	Rating **	A/W	Issue No.	315
LM End	18.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.355026 °	38.355026 °
				-121.528077 °	-121.528077 °
DWR ID	DWR_MA0009_01_s_2017_315				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.70	Rating **	M	Issue No.	330
LM End	18.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.354211 °	38.354211 °
				-121.528818 °	-121.528818 °
DWR ID	DWR_MA0009_01_s_2017_330				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Fallen tree has created a void within the levee prism on the landside slope.					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_330\_20170426\_00511.jpg



View of fallen tree on landside levee slope. Spring 2017.

LM Start	18.70	Rating **	M	Issue No.	190
LM End	18.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.354253 °	38.354253 °
				-121.528928 °	-121.528928 °
DWR ID	DWR_MA0009_01_s_2012_190				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	18.74	Rating **	M	Issue No.	192
LM End	18.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.353785 °	38.353038 °
				-121.529430 °	-121.530123 °
DWR ID	DWR_MA0009_01_s_2012_192				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.77	Rating **	M	Issue No.	259
LM End	18.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.353355 °	38.353355 °
				-121.529693 °	-121.529693 °
DWR ID	DWR_MA0009_01_f_2016_259				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	18.92	Rating **	M	Issue No.	193
LM End	18.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.351783 °	38.351783 °
				-121.531403 °	-121.531403 °
DWR ID	DWR_MA0009_01_s_2012_193				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.94	Rating **	M	Issue No.	1854
LM End	18.94	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.351440 °	38.351440 °
				-121.531580 °	-121.531580 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5780 DS_ID:17554 EP_NO: 6001 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Black PVC pipe on LS shoulder not connected to 3-inch pipe through the levee and there is no shutoff valve. FIELD_STRUCT_DESC: 3-inch galvanized pipe through the levee 3-feet below the crown. Concrete boxes on both ends of pipe (steel sign post on LS shoulder marks concrete box.. Black PVC pipe runs up LS slope to concrete headwall and connection to 3-inch pipe. 3.5-inch white PVC runs down WS slope within a corrugated metal sluice. (Permit No. 6001). Electrical connection also noted on headwall. Minor design drawings available in permit. FS Date: 7/25/2012 2:58:03 PM					

LM Start	<b>18.94</b>	Rating **	M	Issue No.	<b>1854 (cont)</b>
LM End	<b>18.94</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_SP\_2017\_5780\_8743.jpg



Concrete headwall on LS slope showing 3-inch pipe, electrical conduit, and sign post.

Photo 2 of 3 : UCIP\_SP\_2017\_5780\_8742.jpg



Concrete U shaped headwall at outlet showing white PVC pipe in corrugated metal sluice on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.94	Rating **	M	Issue No.	1854 (cont)	
LM End	18.94	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.351440 °		38.351440 °
				-121.531580 °		-121.531580 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:5780 DS_ID:17554 EP_NO: 6001 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Black PVC pipe on LS shoulder not connected to 3-inch pipe through the levee and there is no shutoff valve. FIELD_STRUCT_DESC: 3-inch galvanized pipe through the levee 3-feet below the crown. Concrete boxes on both ends of pipe (steel sign post on LS shoulder marks concrete box.. Black PVC pipe runs up LS slope to concrete headwall and connection to 3-inch pipe. 3.5-inch white PVC runs down WS slope within a corrugated metal sluice. (Permit No. 6001). Electrical connection also noted on headwall. Minor design drawings available in permit. FS Date: 7/25/2012 2:58:03 PM						

Photo 3 of 3 : UCIP\_SP\_2017\_5780\_8741.jpg



Concrete stairs on WS slope just upstream from pipe crossing.

LM Start	18.95	Rating **	M	Issue No.	194
LM End	18.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.351293 °	38.351293 °
				-121.531639 °	-121.531639 °
DWR ID	DWR_MA0009_01_s_2012_194				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_MA0009\_201\_194\_20170320\_00158.jpg



View of the shrubs on the landward side of the levee looking upstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	18.95	Rating **	M	Issue No.	327
LM End	19.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.351288 °	38.349238 °
				-121.531640 °	-121.533910 °
DWR ID	DWR_MA0009_01_s_2017_327				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	19.03	Rating **	M	Issue No.	1855
LM End	19.03	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.350460 °	38.350460 °
				-121.532600 °	-121.532600 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5783 DS_ID:17451 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Oil leaking all over pump platform and ground around pump. CMP riser on LS slope is damaged and should be marked to prevent further damage of siphon breaker and roadway equipment. FIELD_STRUCT_DESC: 12-inch pipe through levee, 4.5 feet below crown. Slant Pump on pile structure on WS slope. Siphon breaker on landward slope. 1.5-inch galvanized electrical conduit 4.5-feet below the crown from JP on LS toe to Breaker on slant pump pier. 36-inch Concrete standpipe on LS toe. One cm cutoff wall. Originally included in O+M manual (1955). FS Date: 7/25/2012 3:15:00 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_5783\_8754.jpg



36-inch concrete standpipe on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

## Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	<b>19.03</b>	Rating **	M	Issue No.	<b>1855 (cont)</b>
LM End	<b>19.03</b>	Issue Type +	En	Location *	LS

A photograph of a small, rusted metal structure, possibly a shed or outbuilding, situated in a grassy field. The structure is made of corrugated metal and has a small, dark, rectangular opening on its side. It is positioned in front of a large, dense green tree. The ground is covered with dry, yellowish grass and some green weeds. The sky is not visible in the image.

Pipe below structure on upstream side of slantpump.

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	<b>19.03</b>	Rating **	U	Issue No.	<b>1856</b>
LM End	<b>19.03</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.350450 °	38.350450 °	
			-121.532610 °	-121.532610 °	
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51259  
DS\_ID:17579  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/02/2016 same as last inspection. Owner will need to coordinate with CVFPB to comply with Title 23. Crossing remains "Urgent" due to pipe being opened on both WS and LS. (O. Magana - DWR UCIP)07/25/2012 This pipe has been abandoned improperly as it is open on the WS (it should be grouted in place or removed. Original slant pump piping and walkway are still visible on WS slope and may need to be removed. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 12-inch steel irrigation pipe through the levee, 6.5 feet below the crown. This pipe is located 2 feet below the 12-inch pipe currently in use (2012). Pipe originally included in USACE O&M manual (1959) as a 10-inch pipe. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (Station 36.88)].  
FS Date: 12/2/2016

LM Start	<b>19.03</b>	Rating **	U	Issue No.	<b>1856 (cont)</b>
LM End	<b>19.03</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_51259\_20818.jpg



12-inch abandoned pipe open on WS.

Photo 2 of 3 : UCIP\_SP\_2017\_51259\_20817.jpg



3-separate suction pipes on WS slope. All but one abandoned and left open.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	19.03	Rating **	U	Issue No.	1856 (cont)
LM End	19.03	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.350450 °	38.350450 °
				-121.532610 °	-121.532610 °
DWR ID					

**Comment Code**

--

**Inspector Comment**

FS\_ID:51259  
DS\_ID:17579  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 12/02/2016 same as last inspection. Owner will need to coordinate with CVFPB to comply with Title 23. Crossing remains "Urgent" due to pipe being opened on both WS and LS. (O. Magana - DWR UCIP)07/25/2012 This pipe has been abandoned improperly as it is open on the WS (it should be grouted in place or removed. Original slant pump piping and walkway are still visible on WS slope and may need to be removed. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 12-inch steel irrigation pipe through the levee, 6.5 feet below the crown. This pipe is located 2 feet below the 12-inch pipe currently in use (2012). Pipe originally included in USACE O&M manual (1959) as a 10-inch pipe. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (Station 36.88)].  
FS Date: 12/2/2016

Photo 3 of 3 : UCIP\_SP\_2017\_51259\_20816.jpg



Discarded metal walkway ramp and slant pump appurtenances on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	19.13	Rating **	M	Issue No.	1857
LM End	19.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.349330 °	38.349330 °
				-121.533830 °	-121.533830 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5943 DS_ID:17477 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe is a good candidate for video inspection. headwall is cracked and generally looking in poor repair. This may need some work. FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.0 feet below crown. Pump on concrete pad waterward slope with a siphon breaker in a 12-inch steel riser on the LS shoulder and a shutoff valve on the WS shoulder. Service pole on landward slope. Originally included in O+M manual as a 3-inch pipe(1955). FS Date: 7/25/2012 3:45:00 PM					

Photo 1 of 3 : UCIP\_SP\_2017\_5943\_9076.jpg



Siphon breaker on LS shoulder with JP and meter on LS toe.

LM Start	19.13	Rating **	M	Issue No.	1857 (cont)
LM End	19.13	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_5943\_9075.jpg



Pump on Concrete pad WS slope. meter and valve on headwall.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	19.13	Rating **	M	Issue No.	1857 (cont)
LM End	19.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.349330 °	38.349330 °
				-121.533830 °	-121.533830 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:5943 DS_ID:17477 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe is a good candidate for video inspection. headwall is cracked and generally looking in poor repair. This may need some work. FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.0 feet below crown. Pump on concrete pad waterward slope with a siphon breaker in a 12-inch steel riser on the LS shoulder and a shutoff valve on the WS shoulder. Service pole on landward slope. Originally included in O+M manual as a 3-inch pipe(1955). FS Date: 7/25/2012 3:45:00 PM					

Photo 3 of 3 : UCIP\_SP\_2017\_5943\_9074.jpg



suction pipe on WS slope.

LM Start	19.15	Rating **	M	Issue No.	321
LM End	19.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.349068 °	38.347394 °
				-121.534047 °	-121.535702 °
DWR ID	DWR_MA0009_01_s_2017_321				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2017**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	04/25/2017 04/26/2017	Zach Jojola

LM Start	19.16	Rating **	M	Issue No.	324
LM End	19.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.348991 °	38.348991 °
				-121.534186 °	-121.534186 °
DWR ID	DWR_MA0009_01_s_2017_324				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	19.24	Rating **	M	Issue No.	260
LM End	19.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348103 °	38.347280 °
				-121.535058 °	-121.535814 °
DWR ID	DWR_MA0009_01_f_2016_260				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---